

Special Issue

Marine Microbes: Biotechnological Potential for Processes and Molecules

Message from the Guest Editors

The marine environment is the largest aquatic ecosystem on the planet, and it has peculiar features that result from the unique combination of several physical factors. These features have shaped the characteristics and properties of the biome that inhabit that area and in particular of microorganisms. All these adaptations have resulted in an immense number of molecules, biocatalysts, and microbial processes that are of great value for biotechnology. The aim of this Special Issue is to gather new relevant papers reporting the latest advances and discoveries in the field of marine microbial biotechnology. For this purpose, I invite you to submit research articles, review articles, and short communications related to the application of marine microorganisms, including natural product discovery, biocatalyst discovery, bioremediation, and use of microorganism for industrial processes. As of this Special Issue, we look forward to reviewing your submissions and, together, defining the present state of the science.

Guest Editors

Dr. Tedesco Pietro

Dr. Christian Galasso

Dr. Donatella De Pascale

Deadline for manuscript submissions

closed (15 August 2023)



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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

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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).