

Special Issue

Advances in Industrial and Environmental Microbiology

Message from the Guest Editors

Naturally occurring microorganisms are a potential source of promising bioproducts. However, we know that most microorganisms occupying natural and semi-natural environments are uncultured, and new methodologies leading to new knowledge about these microbes should be promoted.

This Special Issue covers all aspects of the industrial applications of microorganisms including fermentation, biodegradation, biodeterioration, and treatment of waste streams. Articles focused on novel techniques in the bioprocess engineering of peptides, enzymes, and biopolymers as well as their production and purification will be published. In this Special Issue, research papers as well as review articles addressing recent advances on environmental microbiology will be welcomed. Potential topics include microbial diversity, culturomics, microbiomics, microbial community genetics, evolutionary processes, and antibiotic resistance. We also look forward to receiving your manuscripts in which metagenomics, metatranscriptomics, and metaproteomics are used as the main methodology.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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