

Special Issue

Plant Extracts and Antimicrobials

Message from the Guest Editors

Microbial pathogenicity and other infectious diseases have been controlled by the use of commercially available antimicrobial drugs in recent years. Antimicrobial drugs have, however, been overused and misused in the general population, which led to an increase in drug resistance rates among several microorganisms. In this Special Issue dedicated to “Plant Extracts and Antimicrobials”, research papers and reviews about the research on new antimicrobial plant extracts or molecules, at a laboratory scale or at a pilot level, are welcome. The alternative use of plant extracts or compounds in food, beverage, supplements, and cosmetics could also be part of this Special Issue. Topics particularly of interest are: Production of plant compounds with antimicrobial properties; Product extraction and characterization; Bioactivity of wild specimens versus cultivated specimens; In vitro and in vivo tests; Microbial species and strain screening.

Guest Editors

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Prof. Dr. Roberto Venanzoni

Dr. Giancarlo Angeles Flores

Deadline for manuscript submissions

closed (30 June 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 11.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2024).