

Special Issue

Antimicrobial Activity of Natural Compounds

Message from the Guest Editors

Infectious diseases are a major problem for health systems. Under the conditions of increasing resistance of microorganisms to the action of known antimicrobial agents, the identification of new antimicrobial compounds and their sources is of great importance. Many studies are being conducted to isolate new antimicrobial compounds from microbes, plants, marine organisms and animals. Since ancient times, plants have been an important source of products with biologically active properties. Many phytochemical compounds, such as polyphenols, flavonoids, carotenoids, terpenoids, sulfur compounds, and alkaloids, exhibit antimicrobial properties. Herbal products, such as essential oils, spices, and raw extracts, are used as antimicrobial agents and as a healthier alternative to synthetic substances. You are humbly invited to participate in this Special Issue with original research articles or reviews in the field of compounds with antimicrobial properties, as well as antioxidant or anti-inflammatory properties from natural sources, especially plants.

Guest Editors

Dr. Bianca Furdui

Department of Chemistry, Physics and Environment, Dunarea de Jos University of Galati, 800201 Galati, Romania

Prof. Dr. Rodica-Mihaela Dinicǎ

Department of Chemistry, Physics and Environment, Dunarea de Jos University of Galati, 800201 Galati, Romania

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

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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