



Antimicrobial Activity of Natural Compounds

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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.





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Message from the Editor-in-Chief

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