

Special Issue

Antioxidant Properties and Chemical Compositions of Plant Extract

Message from the Guest Editors

This Special Issue titled "*Antioxidant Properties and Chemical Compositions of Plant Extract*" will focus on research aimed at identifying bioactive chemical compounds, particularly antioxidants, present in plant extracts. Special attention will be given to antioxidants, which play a crucial role in neutralizing free radicals. Chemical analysis of plant materials enables the detection and characterization of compounds such as flavonoids, phenols, and alkaloids, which exhibit strong antioxidant activity and may find applications in medicine, pharmacology, cosmetology, and the food industry. The goal of this issue is to promote innovative research and facilitate knowledge exchange among scientists working in the fields of plant chemistry, biotechnology, and pharmacy. The topic of this issue aligns perfectly with global trends in the search for natural, safe, and sustainable sources of bioactive substances, supporting the development of eco-friendly and health-promoting solutions based on the rich potential of the plant world.

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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.

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