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Advancements in the Study of Biological Activities of Plant Extracts and Components

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Message from the Guest Editors

Dear Colleagues,

The application of plant extracts and their constituents has been acknowledged in relation to various disorders since ancient times. Advancements in analytical technologies have led to the discovery of many new bioactive compounds that exhibit a diverse spectrum of biological activities, such as antioxidant, antidiabetic, anti-inflammatory, and anticancer properties.

Research has further enhanced our understanding by elucidating the molecular mechanisms via which these plants and their compounds exert their effects, as well as pinpointing the specific pathways and targets involved. Similarly, the combined action of these plants demonstrates their function in improving medicinal applications.

Taken together, these advancements in plant extracts and their compounds are valuable resources in the ongoing search for new drugs and treatments. We have organized this Special Issue to gather original research and reviews that demonstrate the progress of plant extracts and their bioactive compounds in the treatment of various diseases.

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Guest Editors



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Special Issue



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