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Insights into Functional and Medicinal Value of Natural Products from Plants

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Message from the Guest Editor

Dear Colleagues,

Plant-derived natural compounds have long been recognized for their functional and therapeutic benefits. Plants are essential components in our diet, supplying vitamins, minerals, and other bioactive compounds required for good health and well-being. These products encompass a diverse range of compounds, including alkaloids, flavonoids, terpenoids, phenolic compounds, and many others, which contribute to the rich chemical diversity found in the plant kingdom. Currently, many pharmacological medications are derived from plants where natural products serve as important starting materials for drug discovery and development. The anti-inflammatory, antimicrobial, antioxidant, anticancer, and immunomodulatory effects are among the most studied biological impacts of natural products, but the potential of natural products in the pharmaceutical and medical fields is unlimited. The current Special Issue aims to provide updated knowledge of the chemical components, the biological functions, the metabolomics profile, and all the other aspects covering the potential of natural products in health care systems.



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Special Issue



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Message from the Editor-in-Chief

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