

Special Issue

Bioactive Compounds from Plants and Foods: From Traditional Medicine to Modern Applications in Nutrition and Health

Message from the Guest Editors

For centuries, traditional plants and foods have been valuable sources of bioactive compounds with therapeutic properties. Today, the scientific validation of these compounds is bridging the gap between traditional medicine and modern applications in nutrition and health. Polyphenols, flavonoids, alkaloids, terpenes, and other phytochemicals are increasingly recognized for their antioxidant, anti-inflammatory, antimicrobial, anticancer, and neuroprotective effects. In addition to their health-promoting properties, many of these compounds can modulate key metabolic pathways, influence the gut microbiota, and contribute to the prevention and treatment of chronic diseases such as diabetes, cardiovascular disorders, obesity, and neurodegeneration.

This Special Issue aims to showcase recent advances in the identification, characterization, and application of bioactive compounds from plants and foods. We welcome original research and reviews that explore natural product drug discovery, in vitro and in vivo studies, computational screening of natural products, and innovations in nanomaterials for natural product extraction.

Guest Editors

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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