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Bioactive Natural Compounds: Therapeutic Insights and Applications

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Message from the Guest Editor

Dear Colleagues,

Plant extracts and other natural products are complex mixtures of natural compounds and they and their metabolites are suitable for a various applications in the fields of pharmaceuticals and nutrition.

The natural compounds analysed in this Special Issue should include plant phytochemicals and animal products with proven effects. The bioactivity of phytochemicals of plant extracts is essential for their functionality and this bioactivity should be determined through novel and appropriate techniques and assays. Extraction is one of the most important steps in determining the functionality of chemicals of natural origin and different extraction methods and techniques could change composition and bioactive effects of plant extracts, which may also be covered by this Special Issue. Since bioactive compounds extracted from plant material are complex mixtures, their separation and quantitative and qualitative analysis are crucial steps in the structural composition of extracts. Appropriate and novel analytical methods or their validation procedures should be used for publications in this Special Issue.

Dr. Vaidotas Žvikas
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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