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Medicinal and Edible Plants and Their Natural Products: From Extraction to Bioactivity Evaluation

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Message from the Guest Editors

The advice of Hippocrates, "Man is what he eats," now serves as a guiding principle for consuming healthy food, where bioactive natural products play a vital role. Consistently incorporating foods rich in healthy secondary metabolites is a significant step in preventing metabolic syndromes—non-return pathways to non-transmissible diseases that silently affect both developed and transitioning countries. Furthermore, the principles of green chemistry and sustainability have compelled natural product chemists to explore new extraction protocols using environmentally friendly solvents, which have revealed new profiles of secondary metabolites in well-known plants. Metabolite profiling, in combination with bioinformatics and multivariate statistics, using a metabolomic approach, enables the identification of specific markers of activity within complex mixtures that can be characterized, traced, and quantified. This Special Issue welcomes your contributions on all these topics. We hope to make an impact and advance the knowledge in a field that is continuously being rediscovered, and thus provide solutions for a sustainable world.



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Special Issue



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Message from the Editor-in-Chief

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