

Special Issue

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

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.

Guest Editors

Prof. Dr. Horacio Heinzen

Prof. Dr. Alvaro Vazquez

Prof. Dr. Eduardo Dellacassa

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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