



Advanced Research in Plant Metabolomics, 2nd Edition

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Message from the Guest Editors

Dear Colleagues,

Plant metabolomics has already been successfully employed in plant functional genomics, food science, and human nutrition. High-throughput analytical techniques (mass (MS) or nuclear magnetic resonance (NMR) spectroscopy), in combination with statistical methods, aim to characterize plant metabolomes and the role of primary and secondary metabolites as end products of cell pathways. Moreover, metabolomics has emerged as an effective tool in food and nutrition sciences, allowing bioactive compounds, as well as their possible nutraceutical value for human health, to be chemically characterized. This Special Issue will focus on the study of plants' metabolic profiles and their interaction with external agents (such as environmental variations) or pathogen attack, as well as the detection of relevant biomarkers. In particular, we invite the submission of manuscripts on plant metabolomes, as well as on their application for biomarker detection, quality control, and/or origin discrimination. All studies, including research papers and reviews related to these items, will be considered for publication.

