

## Special Issue

# Advanced Research in Plant Metabolomics

### Message from the Guest Editors

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 at the characterization of the plant metabolome and the role of primary and secondary metabolites as end products of the cell pathways. Moreover, metabolomics has emerged as an effective tool in food and nutrition sciences, providing chemical characterization of bioactive compounds present and their possible nutraceutical value for human health. This Special Issue will focus on the study of plants metabolic profiles and interaction with external agents as environmental variations or pathogen attack, with 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2023)



## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

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APC discount vouchers, optional signed peer review, and reviewer names are published annually in the journal.