Special Issue

Advances in Plant and Food Metabolomics

Message from the Guest Editors

Metabolomics, a rapidly evolving field, plays a pivotal role in understanding the intricate metabolic networks of plants and food systems. This Special Issue aims to explore the innovative applications of metabolomics and related chemometrics in unraveling complex metabolomic data, thereby advancing our comprehension of plant metabolism and food quality. Contributions to this issue encompass a diverse array of topics, including but not limited to:

- Multivariate Data Analysis (MVDA)
- Machine Learning and Pattern Recognition
- Data Fusion and Integration
- Quantitative Structure-Activity Relationship (QSAR) Modeling
- Metabolite Annotation and Identification

This Special Issue, by compiling cutting-edge research, endeavors to foster interdisciplinary collaborations, accelerate methodological advancements, and contribute to elucidating complex metabolic processes in plants and assessing food quality parameters.

Guest Editors

Dr. Luigi Lucini

Dr. Leilei Zhang

Dr. Pascual García-Pérez

Deadline for manuscript submissions

closed (31 December 2024)

Plants

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About the Journal

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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