

Special Issue

Metabolomics and Plant Defence

Message from the Guest Editors

The environment is not always suitable for plant growth and development. To combat the adversities relating to biotic and abiotic stresses, plants need to change their metabolic pathways to adapt to the environment. During this process, some special metabolites such as defence phytohormones or flavonoids might be produced or enhanced, which will be beneficial to plant defence and help them survive under environmental stresses. For this Special Issue, we aim to collect research that is relevant to all aspects of plant metabolomics under biotic and abiotic stresses, the positive and negative effects of some special metabolites on defence and plant growth and development, phytohormone-regulated metabolic homeostasis, and methodologies advances with regard to primary and secondary metabolisms related to plant defence. We welcome original research articles as well as in-depth reviews covering these topics.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2024)



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/154896

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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