

Special Issue

Advances in Plant and Microbial Metabolic Engineering

Message from the Guest Editors

This Special Issue will attract review papers and original research-oriented publications on all aspects of plant and microbial metabolic engineering, as well as biotechnology, agriculture, medicine, and environmental sustainability. Contributions focused on the integration of synthetic biology, OMICS and big data utilization, green biomanufacturing, the production of natural products, biopesticides or biostimulants, the engineering of microbial consortia, the engineering of climate resilience, the engineering of improved crop traits, the production of biopharmaceuticals, biofuel and biochemical production, and bioremediation are welcome.

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Deadline for manuscript submissions

closed (31 December 2025)



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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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indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).