

Special Issue

Future Trends and Emerging Applications in Metabolomics

Message from the Guest Editors

We propose a Special Issue for the Journal *Metabolites* regarding metabolomics studies, including current and future trends, situated within the following current fields of studies: biological metabolites used as biomarkers for disease diagnostics; drug metabolism studies with a focus on metabolite interactions; novel bioanalytical approaches in the bioanalysis of biological and drug metabolism; advances in vivo study design (animal and human model) in metabolomics; study of nutraceuticals and nutrient metabolism; catabolism studies. Liquid chromatography coupled with mass spectrometry, as one of the most powerful and widely used methods in the field of metabolomics studies, as well as the main field of study of one of the guest authors, will be the main focus of this Special Issue, but other types of bioanalytical methods are also of interest. Although the main focus in the field of metabolomics is on in vivo studies, interesting in-vitro studies with ramifications in the study of metabolic pathways could also be welcomed.

Guest Editors

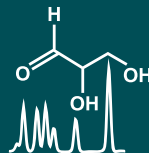
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Deadline for manuscript submissions

closed (15 April 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

Dr. Amedeo Lonardo

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