

## Special Issue

# Drug Metabolism, Interactions and Toxicity: Advances in Metabolomics Approaches

### Message from the Guest Editors

This Special Issue is devoted to metabolomics in drug toxicity, with a focus on drug metabolism, drug–drug (food) interactions, and drug–endobiotic interactions. The scope of this Special Issue includes, but is not limited to, studies on targeted and untargeted metabolomic analyses, multi-omics integration, and computational modeling to characterize how investigational drug candidates and approved drugs perturb the endobiotic network; drug–endobiotic interactions; the development of endogenous probes for drug–drug (food) interactions; the development of biomarkers for toxicity assessment and prediction; and the identification of the mechanisms and molecular pathways involved in drug toxicity. Other topics with a similar focus will also be considered. The keywords are as follows:

- metabolomics
- drug/xenobiotic metabolism
- drug–drug interactions
- drug–endobiotic interactions
- drug toxicity
- biomarkers
- ADME
- 3D in vitro model

### Guest Editors

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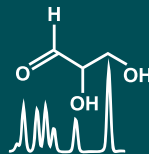
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### Deadline for manuscript submissions

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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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#### Journal Rank:

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).