

## Special Issue

# Natural Products: Nature's Blueprint for Drug Design and Metabolism Enhancement

### Message from the Guest Editors

The primary focus of this Special Issue is to explore the exceptional potential of natural products in drug design and metabolism. Natural products sourced from a wide array of biological origins, such as plants, marine life, and microorganisms, are renowned for their intricate chemical structures and medicinal properties. Our goal is to highlight the distinctiveness of these natural compounds compared to traditional synthetic drugs, emphasizing the wealth of structural diversity they offer for drug discovery and metabolism enhancement. We encourage contributions that elucidate the synergy between natural products and contemporary drug discovery methodologies, encompassing fields such as medicinal chemistry, pharmacology, pharmacokinetics, machine learning, pharmacophore, and high-throughput screening.

### Guest Editors

Dr. Andres Fernando Gonzalez Barrios

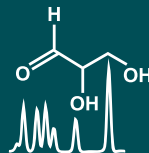
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### Deadline for manuscript submissions

closed (31 May 2024)



## Metabolites

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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.

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### Editor-in-Chief

Dr. Amedeo Lonardo

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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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).