

Special Issue

Metabolomics and Computational Research on Drugs and Diseases

Message from the Guest Editors

This Special Issue seeks to bridge the gap between metabolomics and computational research for drug discovery and disease diagnosis. We welcome all manuscripts that explore computational metabolomics, including the development and application of machine learning tools and algorithms for analyzing metabolomic data. Topics of interest include, but are not limited to, the following: identifying disease biomarkers; disease diagnosis and pathway analysis; discovering new drugs and drug targets; and monitoring drug efficacy. This Special Issue aims to be a valuable resource for researchers of computational metabolomics. By fostering collaboration between various branches of this field, we aim to accelerate the development of new therapies and diagnostics for various diseases. We look forward to receiving your submissions and contribution to the advancement of this exciting field.

Guest Editors

Dr. Md. Altaf-UI-Amin

Prof. Dr. Shigehiko Kanaya

Dr. Naoaki Ono

Dr. Ahmad Kamal Nasution

Deadline for manuscript submissions

closed (31 July 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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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).