

Special Issue

Recent Advances in Drug Metabolism and Transport

Message from the Guest Editors

This Special Issue focuses on advancing knowledge in drug metabolism, transport, and pharmacokinetics to address these challenges. We aim to showcase innovative research that enhances the prediction of drug disposition, improves therapeutic strategies, and supports individualized treatment approaches. Topics of interest include novel in vitro and in vivo experimental models, mechanistic studies of metabolic and transport pathways, cutting-edge imaging and computational tools, and multi-omics integration. Contributions that explore pharmacokinetic modeling, variability in drug response, and strategies for precision medicine are particularly encouraged.

By bringing together original research articles, reviews, and perspectives, this Special Issue seeks to highlight transformative technologies and methodologies shaping the future of drug development and clinical practice. Our goal is to provide a comprehensive resource for scientists and clinicians working to optimize drug therapy, improve patient safety, and advance personalized medicine.

Guest Editors

Dr. Deepak Ahire

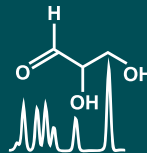
Gilead Sciences, Foster City, CA 94404, USA

Dr. Shyam Kamble

Agios Pharmaceuticals, Cambridge, MA 02139, USA

Deadline for manuscript submissions

20 August 2026



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



mdpi.com/si/266505

Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)





Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed



[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)



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

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

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

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).