Special Issue

Insights into Metabolism, Diagnostics and Therapeutics of Cancer and Tumor Microenvironment by NMR Spectroscopy

Message from the Guest Editors

This Special Issue has been designed to bring together original research articles, review articles, and communications related to cancer metabolism interrogated by NMR spectroscopy. The Special Issue will invite articles both on the recent technical developments of NMR spectroscopy, such as pulse sequence design, instrumentation, electronics and software to improve the sensitivity, specificity, resolution, data acquisition, quantification and analysis applicable to cancer metabolomics and metabolic imaging, as well as the applications of NMR spectroscopy in identifying biomarkers for the diagnosis, therapeutic intervention of cancer, and discovering metabolic targets for cancer therapy.

Guest Editors

Dr. Shivanand M. Pudakalakatti

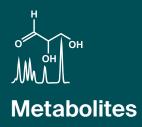
Department of Cancer Systems Imaging, University of Texas MD Anderson Cancer Center, 1881 East Road, Houston, TX, USA

Dr. Pratip K. Bhattacharya

Department of Cancer Systems Imaging, University of Texas MD Anderson Cancer Center, Houston, TX, USA

Deadline for manuscript submissions

30 September 2025



an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 6.9 Indexed in PubMed



mdpi.com/si/181234

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

mdpi.com/journal/metabolites





Metabolites

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 6.9 Indexed in PubMed



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 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).

