

Special Issue

Cancer Metabolism: Molecular Targeting and Implications for Therapy

Message from the Guest Editors

In recent years, targeting cancer metabolism has been identified as one of the most promising aspects of cancer therapeutics. There are numerous studies which suggest that targeting metabolic pathways reduces tumor progression. Therefore, it is crucial to understand how cancer cells adapt and reprogram their metabolism to overcome surrounding normal cells to gain proliferation and survival advantages. This can help to find new therapeutic targets to selectively control cancer cell growth and proliferation. We invite articles related to the field of cellular or systemic cancer metabolism, including glucose, fatty acid, and amino acid metabolism, as well as other related areas such as redox homeostasis, signaling pathways regulating cancer metabolism, obesity and cancer, tumor-immune interaction, and immune metabolism in the tumor microenvironment, and method articles such as metabolic flux analysis or any new and advanced method to study metabolism in cancer cells, drugs targeting cancer, and immune metabolism, for submission to this Special Issue.

Guest Editors

Dr. Bal Krishna Chaube

Vascular Biology & Therapeutics Section, Department of Comparative Medicine, Yale University School of Medicine, New Haven, CT 06520, USA

Dr. Shivendra Vikram Singh

Lead Researcher, Surgery Department, St Jude Children's Research Hospital, Memphis, TN 38105, USA

Deadline for manuscript submissions

closed (20 March 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/105116

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

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

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Organic Chemistry)