

Special Issue

Targeting Tumor Metabolism: From Mechanisms to Therapies II

Message from the Guest Editors

Following a very successful first run, we are pleased to announce the launch of a second edition of a Special Issue on Targeting Tumor Metabolism. With the support of advanced molecular and analytical tools, our understanding of tumor metabolism has grown immensely over the past years. Different metabolic features such as elevated glucose uptake and glycolysis, enhanced synthesis of nucleotides and lipids, or an altered redox status have been identified across several cellular and animal models, as well as in human samples. Various metabolites have been proposed as disease biomarkers with potential diagnostic or prognostic value, and a renewed interest in exploring metabolic targets for therapeutic purposes has arisen. For this Special Issue, we would like to invite review papers or original research articles that address the topic of tumor metabolism and the above-mentioned questions. In particular, studies that contribute to advancing the current mechanistic understanding of cancer metabolic rewiring, as well as manuscripts providing novel application-oriented perspectives, are highly welcome. We look forward to receiving your contributions.

Guest Editors

Dr. Iola F. Duarte Ciceco

Department of Chemistry, Technological Laboratories, CICECO - Aveiro
Institute of Materials, University of Aveiro, 3810-093 Aveiro, Portugal

Prof.Dr. Ana M. Gil

Department of Chemistry, Technological Laboratories, CICECO - Aveiro
Institute of Materials, University of Aveiro, 3810-093 Aveiro, Portugal

Deadline for manuscript submissions

closed (15 March 2023)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/72694

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

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





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

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