

Topical Collection

Targeting Cell Metabolism as Cancer Therapy

Message from the Collection Editor

Reprogramming of energy metabolism in cancer has recently been recognized as one of the hallmarks of cancer and its understanding will contribute to the development of new anticancer strategies and/or improve the effectiveness of existing therapies. This Topical Collection aims to publish research on the metabolic features of solid and hematological cancers, including cancer cells and the tumor microenvironment, and how to exploit the metabolic perturbations to develop new anticancer treatments. We invite research and review papers covering all aspects of cancer cell metabolism and related innovative cancer therapies. Topics include, but are not limited to, fundamental understanding of metabolic disturbance in cancer, associated gene expression profiling, epigenetic regulation, metabolomics, diagnostic and prognostic biomarkers, molecular targets, cancer drug development targeting metabolism, clinical trials with new agents, and validation in animal models.

Collection Editor

Dr. Veronique Baud

1. NF- κ B, Differentiation and Cancer, University Paris Descartes, Sorbonne Paris Cité, 75014 Paris, France
 2. Faculté de Pharmacie, 4 Avenue de l'Observatoire, 75006 Paris, France
-



Biomedicines

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8
Indexed in PubMed



mdpi.com/si/44028

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

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





Biomedicines

an Open Access Journal
by MDPI

Impact Factor 4.5
CiteScore 7.8
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA

2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).