Special Issue

Molecular Targets and Mechanisms of Innovative Therapies and Natural Adjuvants in Glioblastoma Management

Message from the Guest Editors

Organized by Dr. Bottone, who has been assisted by (University of Pavia) and Dr. Ludovica Gaiaschi (University of Pavia), this Special Issue focuses on glioblastoma (GBM) as one of the most aggressive and deadly forms of brain cancer, posing significant challenges for both patients and healthcare providers. We are pleased to invite you to contribute to a Special Issue that will examine and evaluate the effectiveness and molecular activity of new therapeutic approaches and natural implementations in the treatment of glioblastoma. This Special Issue will highlight recent advancements, current challenges, and future prospects for improving patient survival and enhancing quality of life during cancer therapy. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: glioblastoma therapeutic strategies, including targeted and emerging therapies, as well as the study of signaling pathways and the tumor microenvironment. We look forward to receiving your contributions.

Guest Editors

Dr. Maria Grazia Bottone

Department of Biology and Biotechnology, University of Pavia, Via Ferrata 9, 27100 Pavia, Italy

Dr. Fabrizio De Luca

Laboratory of Cell Biology and Neurobiology, Department of Biology and Biotechnology, University of Pavia, 27100 Pavia, Italy

Deadline for manuscript submissions

20 December 2025



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/221802

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





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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)

