

Special Issue

Glioblastoma: Mechanics of Development, Progression and New Surgical and Clinical Management

Message from the Guest Editor

Glioblastoma is a diffusely infiltrative malignant brain tumor that leads to significant morbidity and mortality among affected patients. The new 2021 WHO Classification of Tumors of the Central Nervous System opened new horizons in molecular changes and in clinical and surgical practice. Due to the extremely poor prognosis, it is imperative to investigate new and altered molecular mechanisms that may be involved in glioblastoma pathogenesis. This special issue covers all aspects of glioblastoma, including surgical innovations, original research on current and experimental treatment options, studies on molecular characteristics of glioblastoma, as well as mechanisms underlying growth inhibition: apoptosis, autophagy, necrosis. Original papers, systematic reviews, meta-analyses and quality-of-life focused stereotactic radiosurgery, brain surgery, interstitial laser thermotherapy and oncology studies on this topic of interest are welcome.

Guest Editor

Dr. Nicola Montemurro

Department of Neurosurgery, Azienda Ospedaliero Universitaria Pisana (AOUP), University of Pisa, 56100 Pisa, Italy

Deadline for manuscript submissions

closed (30 June 2024)



Neurology International

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.8
Indexed in PubMed



mdpi.com/si/160211

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

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





Neurology International

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 4.8
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Junji Yamauchi

1. Laboratory of Molecular Neurology, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan
2. Department of Pharmacology, National Research Institute for Child Health and Development, Tokyo, Japan

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q2 (Clinical Neurology)