

Special Issue

Advance in Glioma Invasion

Message from the Guest Editor

The poor prognosis of glioblastoma (GBM) is due, in part, to glioma stem-like cells (GSCs), which characteristically show high invasiveness and resistance to radio-chemotherapy. GSCs reside in a hypoxic microenvironment called the “niche” and are thought to regulate dynamically tumor proliferation, invasion, and angiogenesis through the intricate crosstalk between GSCs and non-tumor cells and various components of the microenvironment. We seek manuscripts of cutting-edge research in the broad fields from basic neuroscience to clinical neuroscience concerning glioma invasion to deepen our understanding of the significance of highly invasive GSCs under a special microenvironment on tumor progression and recurrence in GBM and to find a cue to develop a novel therapeutic method against tumor invasion. The areas include molecular and cellular neuroscience in neuro-oncology, clinical neuroscience, and neuroimaging of malignant brain tumors. We would like to encourage you to submit to this Special Issue on glioma invasion, and welcome article, review, and other types of article.

Guest Editor

Prof. Dr. Takanori Ohnishi

Department of Neurosurgery, Washoukai Sadamoto Hospital,
Advanced Brain Disease Center (Director), Matsuyama, Ehime, Japan

Deadline for manuscript submissions

closed (6 March 2022)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/91423

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

mdpi.com/journal/

[brainsci](https://brainsci.mdpi.com)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.