

Special Issue

Tumour Microenvironment in Paediatric Brain Tumour

Message from the Guest Editors

Brain tumours are the leading cause of cancer-related death in children, with gliomas accounting for 55% of paediatric CNS tumours. The choreography of numerous components of the developing brain microenvironment are necessary for successful connections and the ultimate functioning of neural networks. Cancers do not grow on their own and we believe that insight into the microenvironment of the developing central nervous system (CNS) is critical for identifying drivers of tumour growth and therapeutic resistance in paediatric brain cancers. Lacking somewhat in the literature, is how components of the tumour microenvironment (which change during tumour growth and in response to therapy) and a developing brain interact to support tumour growth, resistance, adaptation and recurrence. In this Special Issue on "Tumour Microenvironment in Paediatric Brain Tumour", we would like to invite manuscripts on a variety of topics related to host tumour interactions in paediatric brain cancers.

Guest Editors

Dr. Helen L. Fillmore

Paediatric Neuro-Oncology Laboratory, School of Pharmacy and Biomedical Sciences, University of Portsmouth, Portsmouth PO1 2DT, UK

Prof. Dr. Christine Fuller

Cincinnati Children's Hospital Medical Center, University of Cincinnati, Department of Pathology, 3333 Burnet Ave., Location R, MLC 1035, Cincinnati, OH 45229, USA

Deadline for manuscript submissions

closed (20 April 2020)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.8
Indexed in PubMed



mdpi.com/si/18193

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

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





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.8
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 12.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).

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.