



*children*



an Open Access Journal by MDPI

## Diagnosis, Treatment and Management of Pediatric Gliomas in the Molecular Era

Guest Editor:

**Dr. Peter Hauser**

Velkey László Child's Health  
Center, Borsod-Abaúj-Zemplén  
County University Teaching  
Hospital, 3526 Miskolc, Hungary

Deadline for manuscript  
submissions:

**closed (15 June 2021)**

### Message from the Guest Editor

Dear Colleagues,

Pediatric gliomas present an extremely wide spectrum of diseases in terms of clinical outcome. During the last decade we got much closer to an understanding of the signal transduction and molecular background of different groups of gliomas, providing some hope for a possible better outcome in the near future.

This Special Issue comprised of articles written by distinguished scientists will give an overview of recent advances in low- and high-grade pediatric gliomas in terms of molecular background, histology, classification, and treatment options, including surgical approach, molecularly targeted therapy, proton therapy, and immunotherapy. We do hope that this commonly devastating disease will soon show a remarkable improvement in outcome. Our aim with this Special Issue is to present an easily understandable insight into recent advances in pediatric gliomas to our colleagues whose work is not closely connected to pediatric brain tumors.



[mdpi.com/si/67221](https://mdpi.com/si/67221)

**Special** Issue



# children



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Paul R. Carney

Departments of Child Health and  
Neurology, University of Missouri,  
400 Keene Street, Columbia, MI  
65201, USA

## Message from the Editor-in-Chief

You are invited to contribute a research article or comprehensive review for consideration and publication in *Children* (ISSN 2227-9067). *Children* is an open access journal—research articles, reviews, and other content are published online immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. The journal focuses on sharing clinical, epidemiological, and translational science relevant to children's health. We would be pleased to welcome you as one of our authors.

## 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](#), [Embase](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Pediatrics) / CiteScore - Q2 (Pediatrics, Perinatology and Child Health)

## Contact Us

---

*Children* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/children](http://mdpi.com/journal/children)  
[children@mdpi.com](mailto:children@mdpi.com)