

Special Issue

Childhood Epilepsy: Clinical Advances and Perspectives

Message from the Guest Editors

Epilepsy causes recurrent unprovoked seizures. Epilepsy affects around 70 million people (about twice the population of California) worldwide and is among the most common neurologic disorders seen in children. Two-thirds of children with epilepsy achieve seizure freedom with antiseizure medications. These children are at substantial risk for cognitive, behavioral, and psychiatric problems as well as osteoporosis, seizure-induced injury, and sudden unexpected death from epilepsy. Over the last several years, several advancements in epilepsy treatment have taken place including new-generation anti-seizure medications, new techniques in epilepsy surgery and neuromodulation devices, including Responsive Neurostimulation and Deep Brain stimulation. Machine learning, high-resolution MRI and other functional brain mapping technics are improving epilepsy surgery outcomes.

Guest Editors

Dr. Gayatra Mainali

Penn State College of Medicine, Hershey, PA, USA

Dr. Alain Lekoubou

Penn State College of Medicine, Hershey, PA, USA

Dr. Ahmad Marashly

Department of Neurology, The Johns Hopkins University, Baltimore, MD, USA

Deadline for manuscript submissions

closed (25 January 2025)



Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/207628

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

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





Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Paul R. Carney

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MO 65211, USA

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)