

Special Issue

Diagnosis and Treatment in Childhood Epilepsy

Message from the Guest Editor

Epilepsy is the most common serious chronic neurological condition in children. The diagnosis and treatment of childhood epilepsy might differ significantly from adult-onset epilepsy, such as infantile spasms, Dravet syndrome, and Lennox–Gastaut syndrome appear uniquely depending on age. Furthermore, the objective in treating these children is to enhance cognition, learning, school performance, and seizure freedom with minimal adverse effects.

Many new antiseizure medicines with novel mechanisms of action have been approved for childhood-onset rare epilepsy syndromes, however, about 20–30% of children have drug-resistant epilepsy (DRE). Vagus nerve stimulator therapy has long been available for children with DRE, but responsive neurostimulation therapy and deep-brain stimulation therapy are now on the horizon, both of which are approved for adults with refractory epilepsy. Less-invasive surgical techniques are also explored in children with epilepsy, including laser interstitial thermal ablation. We feel the extensive discussion of cutting-edge research will strongly influence the practice in clinicians managing childhood epilepsy.

Guest Editor

Dr. Debopam Samanta

Department of Pediatrics, University of Arkansas Medical Sciences,
Little Rock, AR, USA

Deadline for manuscript submissions

closed (15 January 2025)



Children

an Open Access Journal
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Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



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

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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

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