

Special Issue

Emerging Trends in Neuromodulation for Children with Neurological Conditions

Message from the Guest Editors

The field of neuromodulation is constantly growing and providing new avenues for promoting function following a neurological insult or impairment. While the number of clinical trials in adults that use neuromodulation as a treatment and/or therapy greatly outweighs the number of studies in the pediatric population, the pediatric field is growing, and more studies are demonstrating the requirements and benefits of this emerging technology. This Special Issue will delineate current areas of research in pediatric neuromodulation and disseminate their exciting findings. Additionally, this Special Issue will address the necessary next steps needed to make neuromodulation techniques accessible for the pediatric population with neurological impairments. We welcome cutting-edge research in neuromodulation for children. We welcome original articles, case studies, and reviews that study any form of neuromodulation in the neurologically impaired pediatric population. The methods used may include the use of a device to alleviate symptoms, increase function, or be restorative.

Guest Editors

Dr. Laura Krisa

Department of Physical Therapy, Department of Occupational Therapy,
Thomas Jefferson University, Philadelphia, PA 19107, USA

Prof. Dr. Mary Jane Mulcahey

Department of Occupational Therapy, Thomas Jefferson University,
Philadelphia, PA 19107, USA

Deadline for manuscript submissions

closed (5 May 2025)



Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/198166

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)