



children



an Open Access Journal by MDPI

Neurological and Developmental Outcomes following Neonatal Encephalopathy

Guest Editors:

Dr. Kalpashri Kesavan

Department of Pediatrics, David Geffen School of Medicine, University of California, Los Angeles, CA, USA

Dr. Jennifer Burnsed

Department of Pediatrics, University of Virginia, Charlottesville, VA 22908-0386, USA

Deadline for manuscript submissions:

10 January 2025

Message from the Guest Editors

Dear Colleagues,

Neonatal Encephalopathy (NE) is a clinical syndrome of disturbed neurologic function characterized by an altered level of consciousness, seizures, depressed tone and reflexes and disordered breathing control.

In this Special Issue, we aim to understand the different etiologies and pathogenesis of NE, early biomarkers of NE (clinical, laboratory and imaging studies) that may have therapeutic implications and later outcomes, preventative strategies and therapies that have the potential to modify neurodevelopmental outcomes in this vulnerable population.

We welcome original manuscripts, reviews and other types of papers on NE, early biomarkers of neurologic outcomes after NE, evidence-based diagnostic and management strategies for NE, neonatal seizure management, preventive strategies and promising adjunctive therapies to improve developmental outcomes after NE and lastly, short- and long-term outcomes after NE and developmental monitoring to optimize outcomes in this vulnerable population.



mdpi.com/si/194064

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

mdpi.com/journal/children
children@mdpi.com