Special Issue

Infant Neurodevelopment and Neonatal Outcomes

Message from the Guest Editors

This Special Issue will focus on the impact of delivery mode and anesthesia choice in obstetric emergencies on infant neurodevelopment and neonatal outcomes. Our goal is to provide new evidence and guidelines for anesthetic and obstetric practices that reduce risks and improve long-term outcomes for infants.

This Special Issue welcomes cutting-edge research exploring how modes of delivery, anesthesia types, and obstetric emergencies influence infant neurodevelopment and neonatal outcomes. We invite submissions that provide new insights into how modes of delivery, anesthesia types, and obstetric emergencies affect neonatal outcomes and infant neurodevelopment. We welcome original research, systematic reviews, case reports, translational studies, and expert perspectives. Topics of interest include clinical and mechanistic studies, innovative monitoring techniques, AI-based predictive models, and strategies to optimize neonatal adaptation and long-term neurodevelopment. We particularly encourage interdisciplinary approaches integrating anesthesiology, obstetrics, neonatology, and pediatric neurology.

Guest Editors

Dr. Anamaria Harabor

Dr. Ingrid Andrada Vasilache

Dr. Ana Maria Adam

Deadline for manuscript submissions

31 March 2026

Children

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)