



children



an Open Access Journal by MDPI

Pediatric Neurocritical Care and Neurotrauma Recovery

Guest Editors:

Dr. Cydni Williams

Department of Pediatrics,
Division of Critical Care, Pediatric
Critical Care and Neurotrauma
Recovery Program, Oregon
Health & Science University,
Portland, OR, USA

Dr. Trevor Hall

Department of Pediatrics,
Division of Pediatric Psychology,
Pediatric Critical Care and
Neurotrauma Recovery Program,
Oregon Health & Science
University, Portland, OR, USA

Deadline for manuscript
submissions:
closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

The field of pediatric neurocritical care is rapidly expanding thanks to advancements in neuromonitoring, neurointervention, and neurorecovery, but more research is needed to optimize outcomes. Though mortality rates have steadily declined in pediatric critical care populations, children with acquired brain injuries from a variety of etiologies remain at high risk of mortality and long-term morbidity. Survivors experience challenges in the physical, cognitive, emotional, and social domains termed post-intensive care syndrome (PICS). Despite these risks, research in pediatrics lags behind adult populations regarding the optimal inpatient monitoring and intervention needed to improve recovery. Research on long-term outcomes is scarce for many pediatric neurocritical care diagnoses, and the use of robust. This Special Issue's focus is on all aspects of pediatric neurocritical care from inpatient care through outpatient recovery. We particularly highlight novel and ongoing research on advanced neuromonitoring and neurorecovery in pediatric neurocritical care, seeking to improve our understanding of PICS outcomes.



mdpi.com/si/102043

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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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