

## Special Issue

# The Management of Pulmonary Hypertension in Infants and Children

### Message from the Guest Editors

Pulmonary hypertension (PH) is one of the major contributors to short- and long-term morbidity and mortality in critically ill infants and children. In particular, infants and children with underlying congenital or acquired cardiovascular and pulmonary diseases are at risk when PH is diagnosed, with the need for long-term pharmaceutical treatment. Different diagnostic approaches, including biomarker profiles, echocardiographic assessments, and strategies such as multi-omic profiling, are becoming increasingly available and popular for the diagnosis of PH. Furthermore, multiple pharmaceutical treatment strategies have been evaluated in recent years in infants and children, offering insights into treatment effects and drug profiles. This Special Issue will provide innovative and informative data on recent advantages in PH management, including new aspects of diagnosis and treatment of PH in pediatric populations. This Special Issue will focus on offering insights from retrospective and prospective clinical research of modern PH management to improve infant's and children's future medical care.

### Guest Editors

Dr. Lukas Schroeder

Department of Neonatology and Pediatric Intensive Care, Children's Hospital, University of Bonn, 53127 Bonn, Germany

Dr. Florian Kipfmüller

1. Department of Neonatology and Pediatric Intensive Care, Children's Hospital, University of Bonn, 53127 Bonn, Germany

2. Center for Rare Diseases Bonn, Division of Congenital Malformations, University of Bonn, 53127 Bonn, Germany

### Deadline for manuscript submissions

closed (20 December 2024)



## Children

an Open Access Journal  
by MDPI

Impact Factor 2.1  
CiteScore 3.8  
Indexed in PubMed



[mdpi.com/si/190616](https://mdpi.com/si/190616)

*Children*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[children@mdpi.com](mailto: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)