

## Special Issue

# Treatment and Management of Cardiopulmonary Failure in the Pediatric Population

### Message from the Guest Editor

Cardiopulmonary failure in the pediatric population, driven by congenital heart disease, cardiomyopathy, acute myocarditis, severe respiratory failure, sepsis, and post-cardiac surgery complications, remains a leading cause of morbidity and mortality. Advances in ventilation strategies, extracorporeal life support (ECLS/ECMO), pediatric ventricular assist devices (VADs), pulmonary hypertension therapies, and perioperative critical care are rapidly changing outcomes. The Special Issue will synthesize current evidence, highlight innovations, address resource variability, and set priorities for research and practice across neonates through adolescents.

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### Guest Editor

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### Deadline for manuscript submissions

10 November 2026



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## 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.

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### Editor-in-Chief

Prof. Dr. Paul R. Carney

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