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The Management of Pulmonary Hypertension in Infants and Children

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Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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