

Special Issue

Acute and Chronic Lung Disease of the Neonate: Open Challenges and Novel Insights

Message from the Guest Editor

Respiratory disorders are the leading cause of admission to neonatal intensive care units, carrying high rates of mortality and morbidity. The definition and characterization of neonatal lung disorders are still a matter of debate. Preclinical and clinical research pertaining to novel ventilation strategies that may decrease the burden of superimposed ventilator-induced lung injury is a continuous field of improvement in neonatology. The point of care evaluation of the respiratory and cardiovascular system is constantly growing and constitutes a potential game-changer when dealing with neonatal lung diseases. The purpose of this Special Issue is to collect contributions of clinical practice and research on neonatal lung diseases. This volume intends to provide novel insights into neonatal lung diseases, including prevention, diagnosis, monitoring, ventilator strategies and ECMO, novel treatments, supportive strategies and long-term outcomes. In addition to reviews, all types of research papers, from laboratory studies to pro- and retrospective clinical trials, are most welcome. Outstanding case reports with clear added scientific value are also acceptable.

Guest Editor

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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

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