

## Special Issue

# Advances in Prenatal Diagnosis and Their Impact on Neonatal Outcomes

### Message from the Guest Editors

Prenatal diagnosis has revolutionized perinatal care, enabling the early detection of fetal conditions and guiding interventions that profoundly influence neonatal outcomes. Since its inception with the advent of ultrasound and genetic testing, this field has evolved into a multidisciplinary domain integrating advanced imaging, molecular diagnostics, and computational technologies. These advances have not only improved diagnostic accuracy but have also expanded our understanding of the fetal environment and its long-term implications. This Special Issue aims to explore the latest developments in prenatal diagnosis and their direct and indirect impacts on neonatal health. We seek to highlight cutting-edge research that bridges the gap between prenatal findings and neonatal care, addressing both clinical and technological innovations. We welcome submissions focusing on novel diagnostic techniques, predictive models for neonatal outcomes, interventional approaches, and ethical considerations in prenatal care. Original research articles, reviews, and case studies that showcase interdisciplinary collaboration are particularly encouraged.

### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



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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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