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 longterm 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

Dr. Ángel Chimenea-Toscano

- Department of Materno-Fetal Medicine, Genetics and Reproduction, Institute of Biomedicine of Seville (IBIS), Hospital Universitario Virgen del Rocio/CSIC/University of Seville, 41013 Seville, Spain
- Fetal, IVF and Reproduction Simulation Training Center (FIRST), 41010 Seville, Spain
- 3. Centre for Biomedical Network Research on Rare Diseases (CIBERER), 41013 Seville, Spain

Dr. Lutgardo García-Díaz

- Department of Materno-Fetal Medicine, Genetics and Reproduction, Institute of Biomedicine of Seville (IBIS), Hospital Universitario Virgen del Rocio/CSIC/University of Seville, 41013 Seville, Spain
- 2. Department of Surgery, University of Seville, 41013 Seville, Spain

Deadline for manuscript submissions

closed (30 September 2025)



Children

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/227280

Children Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 children@mdpi.com

mdpi.com/journal/ children





Children

an Open Access Journal by MDPI

Impact Factor 2.1 CiteScore 3.8 Indexed in PubMed



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)

