

Special Issue

Advances in Fetal, Neonatal and Pediatric Nephrology

Message from the Guest Editor

Premature newborns and those born with congenital abnormalities of the kidneys and urinary tract (CAKUT) are at increased risk of chronic kidney disease (CKD) later in life. The risk is greatly increased by a “second hit” to the kidneys, such as hypoxic, ischemic, respiratory, infectious, hemodynamic, and nephrotoxic events.

This Special Issue will examine the evolving field of fetal, neonatal, and perinatal nephrology. Fetal nephrogenesis research includes genetic, anatomic, and intrauterine aspects, as well as their impact on the developing nephron mass. Currently, the available tools for the evaluation of neonatal renal function, such as fetal ultrasound, neonatal serum creatinine, and urine output, are inadequate. Early tools that will help clinicians focus on patients at risk for early-onset hypertension, albuminuria/proteinuria, and CKD are much needed. We invite contributions presenting innovative research, case studies, and clinical and systematic reviews on these important and evolving topics.

Guest Editor

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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.

Editor-in-Chief

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