Special Issue

Pediatric Nephrology: Advances in the Diagnosis and Management of Pediatric Kidney Disorders

Message from the Guest Editors

Dear colleagues. Pediatric kidney disorders refer to various conditions, sudden or chronic, including congenital abnormalities of the kidney and urinary tract. glomerulopathies, or tubulo-interstitial diseases. They may have different background, but nevertheless, most are at risk of chronic kidney disease. That is why achieving the right diagnosis, enabling early interventions, is crucial. One of the major developments is the search for biomarkers, which are useful in the early diagnosis and treatment of kidney problems. These potential biomarkers seem to have moved from research to clinical use, aiding in the early detection and monitoring of several kidney diseases, especially acute kidney injury. In renal replacement therapy there are improved dialysis machines for newborns and preterm infants. This Special Issue seeks contributions elucidating mechanistic insights, diagnostic innovations, and therapeutic advances in pediatric nephrology. Submissions of reviews and original research articles are invited, with particular emphasis on the interdisciplinary integration of molecular diagnostics, biomarker science, and precision therapeutics.

Guest Editors

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