



children



an Open Access Journal by MDPI

Advances in Pediatric Acute Kidney Injury

Guest Editors:

Dr. Pierluigi Marzuillo

Department of Woman, Child and of General and Specialized Surgery, Università degli Studi della Campania "Luigi Vanvitelli", Via Luigi De Crecchio 2, 80138 Naples, Italy

Dr. Paolo Montaldo

Imperial Neonatal Service, Centre for Perinatal Neuroscience, Department of Paediatrics, Imperial College London, London, UK

Deadline for manuscript submissions:

closed (25 January 2023)

Message from the Guest Editors

Acute kidney injury (AKI) is a condition characterized by a sudden decline in kidney function and is associated with morbidity and mortality later in life. AKI, especially in its milder forms, can be frequently overlooked in neonates and children, because it often reverts easily and quickly. These mild forms, however, could also not have a negligible effect. In fact, also if an AKI episode completely reverts, a subclinical renal damage could persist. Data from experimental animals, in fact, suggest that AKI may later induce long-term effects on the renal structure, such as renal fibrosis. This could explain the evidence indicating that even a mild form of AKI doubles the risk of chronic kidney disease (CKD), with the risk of CKD exponentially increasing with the increase in AKI severity.

The aim of this Special Issue is to invite experts in this field to contribute to growing the knowledge about AKI in neonates and children. We accept papers (original article, review, panel expert opinions, and case reports) about all the issues related to AKI: prevention, diagnostic issues, management, diagnosis, follow-up, and outcomes.



mdpi.com/si/95226

Special Issue



children



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul R. Carney

Departments of Child Health and Neurology, University of Missouri, 400 Keene Street, Columbia, MO 65211, USA

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.

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)

Contact Us

Children Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/children
children@mdpi.com