

Special Issue

Challenges in Children's Medicine Treatments: From Off-Label Use to Extemporaneous Formulations

Message from the Guest Editors

Many medicines of major clinical importance for children are still missing, or have not been readily tested, officially approved for use, or appropriately formulated for children, especially for the very young. To tackle this gap, medicines are often used off-label for an unapproved indication or in an unapproved age group, dosage, or route of administration or prepared extemporaneously either from the active ingredients and excipients or by modifying adult formulations. In the first case the main challenges are dosing, acceptability, and safety, while issues with extemporaneously prepared medicines also include formulation quality, especially chemical and microbiological stability. With this Special Issue we want to gather evidence on which medicine formulations are not appropriate for children, on the challenges faced by health care professionals and patients when using medicines, and on the solutions that have been found. We would like to encourage field practitioners, researchers, and experts to submit manuscripts.

Guest Editors

Prof. Dr. Carlo Giaquinto

Dr. Elisa Barbieri

Dr. Marc Lallemand

Deadline for manuscript submissions

closed (15 July 2022)



Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/93842

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

[mdpi.com/journal/
children](https://mdpi.com/journal/children)





Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



[mdpi.com/journal/
children](https://mdpi.com/journal/children)



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)