

Special Issue

Diagnosis and Treatment of Viral Infections in Children: HIV and Cytomegalovirus

Message from the Guest Editor

Viral infections, particularly HIV and cytomegalovirus (CMV), represent significant challenges in pediatric healthcare, contributing to substantial morbidity and mortality worldwide. Children are particularly vulnerable to these infections due to immature immune systems, limited access to early diagnostic tools, and the complexity of therapeutic regimens. While advances in antiretroviral therapies and antiviral drugs have improved outcomes, there remain gaps in the early diagnosis, personalized treatment strategies, and long-term management of these infections. This Special Issue aims to explore innovative approaches and emerging trends in the management of pediatric HIV and CMV infections. The objective is to bring together contributions that advance our understanding of these infections, from epidemiology and pathogenesis to cutting-edge diagnostic tools and novel therapeutic interventions. In this Special Issue, we welcome original research articles, review articles, case studies, and short communications.

Guest Editor

Dr. Selina Pasquero

Department of Public Health and Pediatric Sciences, Medical School, University of Turin, 10124 Turin, Italy

Deadline for manuscript submissions

closed (20 January 2026)



Children

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 3.8
Indexed in PubMed



mdpi.com/si/229030

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)