



*children*



an Open Access Journal by MDPI

## Invasive Bacterial Infections in Children: Epidemiology, Risk Factors, Resistance

Guest Editors:

**Dr. Somya Aggarwal**

Division of Infectious Diseases,  
Department of Medicine, Edison  
Family Center for Genome  
Sciences & Systems Biology,  
Washington University School of  
Medicine, St. Louis, MO 63110,  
USA

**Dr. Vikas Kumar Somani**

Department of Oncology,  
Washington University School of  
Medicine, St. Louis, MO 63110,  
USA

Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

Invasive bacterial infections in children pose a significant health concern worldwide due to their potential to cause severe illness and even death. These infections encompass a range of conditions such as bloodstream infections, meningitis, and pneumonia, which can lead to dire health outcomes, especially in vulnerable populations like infants and immunocompromised children. In cases of infection, early diagnosis is essential to initiate appropriate antibiotic treatment promptly. However, antibiotic resistance is a growing concern, underscoring the importance of judicious antibiotic use to preserve their effectiveness. Therefore, by understanding their pathogenesis, epidemiology, and adopting comprehensive prevention and treatment strategies, we can work towards reducing the burden of these infections and ensuring the well-being of children worldwide. This Special Issue of Children on “Invasive Bacterial Infections in Children” will include review articles, original research, and case studies.



[mdpi.com/si/186656](https://mdpi.com/si/186656)

**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](http://www.mdpi.com)

[mdpi.com/journal/children](http://mdpi.com/journal/children)  
[children@mdpi.com](mailto:children@mdpi.com)