

Special Issue

Advances in Pediatric Infection and Immunity

Message from the Guest Editor

Discriminating between bacterial and viral infections in children is still a diagnostic dilemma for the clinician. However, the usage of new methodologies has opened up the possibility of exploring genome-wide expression and transcriptional signatures, uncovering activated pathways consisting of many genes associated with either bacterial or viral infection. As there is diversity in the mechanisms of pathogen recognition by specific receptors, and host responses are altered by different microbes, pathogen specific (virus, bacteria, etc.) transcriptional signatures could be translated into useful clinical biomarkers, and thus used for identification. For this Special Issue, we invite submissions describing new potential biomarkers that could improve the diagnostics of bacterial versus viral infections in children. We welcome reviews and original articles considering novel approaches as well as identifying gaps in knowledge.

Guest Editor

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Deadline for manuscript submissions

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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

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