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Virulence Factors, Antimicrobial Resistance and Genomics in Pediatric Infectious Diseases

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Deadline for manuscript
submissions:

closed (10 November 2024)

Message from the Guest Editors

Dear Colleagues,

The utilization of genomic methodologies, such as multiplex PCR, targeted sequencing, and whole genome sequencing, advances our comprehension of the etiology and mechanisms underlying pediatric infectious diseases. These sophisticated techniques transcend the constraints of traditional microbiological methods, enabling the identification of unknown causative pathogens, pathogen genotyping, detection of antimicrobial resistance genes, and virulence factors.

We invite researchers to submit papers for the upcoming special issue titled "Virulence Factors, Antimicrobial Resistance and Genomics in Pediatric Infectious Diseases". This interdisciplinary issue aims to explore the intricate interplay between virulence factors and antimicrobial resistance, shedding light on genomic characteristics and epidemiological surveillance of pediatric infectious diseases using molecular techniques. Authors are encouraged to offer critical analyses and perspectives on current challenges and future directions in this field, aiming to advance our understanding and inform strategies for diagnosis, treatment, and prevention.



mdpi.com/si/202022

Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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