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Recent Advances and Challenges of Antibiotic Use in Children

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance represents a substantial threat to the health of children worldwide with increasing rates of highly resistant infections reported from every country with the capacity to diagnose them. However, the pipeline for new antibiotics is extremely limited, and with historically long lag times between the approval for adults and for children, any promising drugs will still not be available for decades. The consumption of unnecessary or incorrectly prescribed antibiotics is an important factor contributing to selective pressure for antibiotic resistance development. With more consumption and fewer effective antibiotics available, many advances in modern medicine, including cancer care, transplantation and even routine surgery are threatened by the potential emergence of untreatable infectious complications. Therefore, we welcome high-quality submissions from all pediatric clinicians, researchers, public health practitioners and pharmacists around the world that highlight current challenges and advances in pediatric antibiotic use.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

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