



## Antibiotic Prescribing and Antimicrobial Resistance Patterns in Pediatric Patients

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Deadline for manuscript submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

Clear evidence indicates antibiotic overuse is among the most important contributing factors in the growing problem of antimicrobial resistance. Children are high consumers of antimicrobial agents. However, most metrics and indicators applicable to adult patients are not directly applicable to childhood antibiotic use due to the absence of age-specific pediatric defined daily dosages, age-related differences in the prevalence of infections, and differences in prescription patterns between adults and children. This Special Issue seeks manuscript submissions that provide further insights into childhood prescribing and resistance patterns in both hospital and outpatient settings and investigate their impact on patient care and antibiotic prescribing policy. Submissions focusing on the development or application of childhood-specific metrics and quality indicators are particularly encouraged.

**Keywords:** antibiotic use; prescribing practices; antimicrobial resistance; pediatric patients; quality indicators; metrics





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## Editor-in-Chief

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## Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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