

Special Issue

Antibiotic Choices for Pediatric Infections

Message from the Guest Editor

Community bacterial infections and severe invasive infections in the pediatric population have different characteristics compared to adults. Furthermore, there is no homogeneity in pediatric patients regarding the absorption and metabolism of antimicrobial agents, since there are many age subgroups (neonates, toddlers, children). Thus, the choice of the most optimal antibiotic management is essential and an important goal of the scientific community. This Special Issue of *Antibiotics* encourages the submission of original research papers, short communications, reviews, case reports, and perspectives that concentrate on but are not limited to the following:

- Optimal antibiotic dosage and time administration;
- Pharmacokinetics and pharmacodynamics of antimicrobial agents;
- Development and approval of new antibiotics;
- Adherence to local or international guidelines in antibiotic treatment;
- Alternative antibiotic treatment after allergic reactions or anaphylaxis;
- Antibiotic resistance in pediatric populations.

Guest Editor

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Deadline for manuscript submissions

closed (1 April 2026)



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About the Journal

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 disciplines 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.

Editor-in-Chief

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