



Antibiotic Resistance and Antimicrobial Use in Elderly Patients

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Message from the Guest Editors

Dear Colleagues,

The aging population is a worldwide phenomenon. Elderly patients often present multiple comorbidities and complex clinical conditions compared to younger patients.

This Special Issue invites articles on antimicrobial use in elderly and very elderly patients including (but not limited to) the following topics:

- Specific approaches to antimicrobial therapy in elderly populations;
- Antimicrobial use in the multi-therapy and multi-morbid patients;
- Recurrent infections, sepsis, and antimicrobial therapy in frail patients;
- Antibiotic stewardship in elderly people;
- Changes in microbiota and antibiotic therapy in the elderly;
- Role of new technologies (bacteriophages/probiotics, machine learning, etc.) to control antimicrobial-resistant organisms in the elderly.





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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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