

## Special Issue

# Antibiotic Resistance and Antimicrobial Use in Elderly Patients, 2nd Edition

### Message from the Guest Editors

The first edition of the Special Issue “Antibiotic Resistance and Antimicrobial Use in Elderly Patients” was published in 2021. It is a successful collection comprising eight excellent papers, and it has encouraged us to publish a second edition within the same area. As a continuation of the first Special Issue, this second edition focuses 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.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2025)



## Antibiotics

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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.

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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
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