



## Antibiotic Use in European Hospitals and Pharmacies

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### Message from the Guest Editors

Dear Colleagues,

The prudent use of antibiotics is one of the most important tools in our hands to contain antibacterial resistance (AMR). As the epicenter of AMR is the hospital setting, optimization of inpatient antibiotic use is crucial. Field research on population-level aggregated data and patient-level data is extremely important and can help to identify problematic fields. We ask authors to share their results based on aggregated or patient-level data and send manuscripts to this Special Issue based on the following topics:

- Introduction and results of hospital AB stewardship or outpatient setting;
- Treatment of infections caused by multidrug-resistant bacteria at the ICU setting; patient outcomes;
- Identifying local problems of hospital antibacterial use based on patient-level data;
- Outpatient consumption—non-prescription use;
- Rational and irrational prescribing in ambulatory care;
- Antibacterial prescribing in special populations;
- The impact of the COVID-19 pandemic on national-level antibacterial use;
- Determinants of prudent antibacterial use.

Keywords: public health; AB stewardship; consumption metrics; point prevalence study; aggregated data

# Special Issue



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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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