



Surveillance for Antimicrobial Resistance and Healthcare-Associated Infections in Hospital, 2nd Edition

Guest Editor:

Dr. Maria Bagattini

Department of Public Health,
School of Medicine, University of
Naples Federico II, Via S. Pansini
5, 80131 Naples, Italy

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance (AMR) and healthcare-associated infections (HAIs) are among the biggest global public health challenges of our time. HAIs cause significant morbidity and mortality and incur rising direct and indirect costs. In fact, HAIs in the hospital are often caused by multidrug-resistant bacteria, especially in more vulnerable patients. Intervention strategies for addressing the challenge of bacterial AMR fall into different categories, i.e., vaccination, reducing exposure to antibiotics and the development of new antimicrobials, but the principles of infection prevention and control remain the foundation for preventing infections, particularly HAIs, in hospital and a milestone in combating the spread of AMR.

For this Special Issue, we invite you to submit a manuscript related to all aspects concerning surveillance for AMR and HAIs prevention, detection, control and management.

Keywords: antimicrobial resistance; antibiotic-resistant pathogens; disinfectant resistance; mechanisms of resistance





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

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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Antibiotics Editorial Office
MDPI, St. Alban-Anlage 66
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