

Special Issue

Nosocomial Pathogens and Antibiotic Resistance

Message from the Guest Editors

Healthcare-associated infections caused by antimicrobial resistant (AMR) bacteria are increasingly hard to treat, threatening our progress in healthcare and life expectancy, and generating a tremendous social and economic impact in low and medium-income countries as well as in industrialized countries. In this Special Issue, we invite you to send contributions related, but not limited, to:

- AMR bacteria in healthcare-associated infections in industrialized and low and middle-income countries
- One-Health-oriented AMR issues with a direct link to nosocomial bacterial pathogens
- Analysis of the extent and mechanisms of horizontal and clonal spread of AMR within and beyond nosocomial bacterial pathogens
- The interplay between AMR and virulence (and fitness) in nosocomial pathogens
- Interdisciplinary papers combining clinical, epidemiological, microbiological, and modelling approaches to better understand AMR in nosocomial bacterial pathogens

Guest Editors

Dr. Ana R. Freitas

1. TOXRUN—Toxicology Research Unit, University Institute of Health Sciences, CESPU, CRL, Gandra, Portugal
2. UCIBIO—Applied Molecular Biosciences Unit, Laboratory of Microbiology, Department of Biological Sciences, Faculty of Pharmacy, University of Porto, Porto, Portugal

Prof. Dr. Guido Werner

Department of Infectious Diseases, Division of Nosocomial Pathogens and Antimicrobial Resistances, Robert Koch Institute, 38855 Wernigerode, Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

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