Special Issue

Research on Antimicrobial Resistance and New Therapeutic Approaches

Message from the Guest Editors

The rise in antimicrobial resistance (AMR) poses a significant threat worldwide, diminishing the efficacy of common antimicrobial drugs against widespread infections. The World Health Organization declared that AMR is one of the top 10 global public health threats facing humanity, and it has been predicted that it will lead to over ten million deaths by 2050. This "silent pandemic" is a complex "One Health" problem that requires specific actions and a coordinated approach across human health, animal and environmental sectors, and food production. The most valuable tool to mitigate this crisis is knowledge based on good quality research. The aim of this Special Issue is to provide a collection of articles focused on the research of antimicrobial resistance in order to improve knowledge for designing new tools and solutions for effective prevention, detection, and treatment of drug-resistant infections in humans. As the of this Special Issue, we are pleased to invite you to submit original research articles, review articles, and short communications. Research areas may include (but are not limited to) antimicrobial resistance and new therapeutic approaches.

Guest Editors

Dr. Maria Panopoulou

Laboratory of Clinical Microbiology, University General Hospital of Alexandroupolis, Democritus University of Thrace, 68100 Alexandroupolis, Greece

Dr. Theocharis G. Konstantinidis

1. Laboratory of Microbiology, Democritus University of Thrace, 68100 Alexandroupolis, Greece
2. Blood transfusion Department, University General Hospital of Alexandroupolis, 68100 Alexandroupolis, Greece

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

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About the Journal

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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