



Combating Antimicrobial Resistance: Innovations and Strategies

Guest Editor:

Dr. Vasiliki Koumaki

Department of Medical
Microbiology, Medical School of
Athens, National and
Kapodistrian University of
Athens, 75 Mikras Asias Str.,
Goudi, 115 27 Athens, Greece

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Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance (AMR) is an escalating global health crisis that threatens the efficacy of antimicrobial agents, including antibiotics, antivirals, antifungals, and antiprotozoals. The misuse and overuse of these drugs in healthcare, agriculture, and animal husbandry have accelerated the development of resistant strains of pathogens.

The battle against AMR requires a multifaceted and coordinated global response. Continued research into understanding resistance mechanisms, the development of new antimicrobial agents, and the implementation of effective stewardship programs are essential to mitigate the growing threat of drug-resistant infections.

In this Special Issue, we encourage research and innovation in diagnostics, vaccines, and new antimicrobial agents to stay ahead of evolving resistance.





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Editor-in-Chief

Dr. Nico Jehmlich

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

Message from the Editor-in-Chief

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Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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