



Bacterial Detection, Identification, and Antimicrobial Susceptibility Testing

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Microbiological diagnostics plays a key role in the determination of the appropriate treatment for infectious diseases. Recent technological advances have enabled accurate microbiological diagnoses with shorter turnaround times. In addition, several antimicrobial molecules have been introduced to the market for the treatment of infections due to multidrug-resistant bacteria.

Therefore, for this Special Issue, we invite authors to contribute original research and review papers describing the application of innovative diagnostic techniques for the detection or identification of bacterial agents and the application of rapid or conventional methods for the determination of *in vitro* antimicrobial susceptibility.





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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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