



Clinical Microbiology and Antimicrobial Stewardship

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Currently, there is a clear increase in antibiotic resistance in bacteria, especially in Gram-negative bacilli. The fight against this antibiotic resistance is based, among other things, on rapid diagnosis and the proper use of antibiotics. For this reason, the implementation of antimicrobial stewardship programs has developed significantly. This proper use of antibiotics is based on the rapid identification of the site of infection, the mechanisms of resistance, the optimization of antibiotic use (in terms of dosage, administration methods, duration of treatment) and on the rules of escalation or de-escalation of antibiotic therapy.

The project of this Special Issue is to promote the publication of literature reviews, original studies, and communications on the topic of antimicrobial stewardship and the proper use of antibiotics.

We look forward to your contributions.

Keywords

- antibiotic resistance
- mechanisms
- bacteria
- rapid diagnosis
- antimicrobial stewardship





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Message from the Editor-in-Chief

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