



Microbial Pathogen Isolation and Resistance Gene Identification in Patients

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

The scope of the Special Issue is the identification of resistance genes in major hospital pathogens, such as *Klebsiella pneumoniae*, *Escherichia coli*, *Acinetobacter baumannii*, *Pseudomonas aeruginosa*, methicillin-resistant *Staphylococcus aureus*, and vancomycin-resistant *Enterococcus* spp. New molecular and phenotypic methods in the identification of extended-spectrum beta-lactamases, plasmid-mediated AmpC beta-lactamases, and carbapenemases, as well as resistance determinants to colistin as last resort antibiotics in the treatment of infections due to multidrug-resistant Gram-negative bacteria, will also be a topic of interest. Among Gram-positive bacteria, mechanisms of linezolid resistance will be in the focus of the Special Issue. Recent studies have shown that mechanically ventilated SARS-CoV-2 positive patients often have bacterial superinfections with multidrug or extensively drug-resistant bacteria which are associated with increased mortality and prolonged hospital stay. Papers on this current topic are also invited.





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Message from the Editor-in-Chief

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