

# Special Issue

## Microbial Pathogen Isolation and Resistance Gene Identification in Patients

### 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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### Guest Editor

Prof. Dr. Branka Bedenic

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### Deadline for manuscript submissions

closed (31 October 2021)



**Microorganisms**

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Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed



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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.

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### Editor-in-Chief

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#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).