



## Bacterial Infections: Surveillance, Prevention and Control

Guest Editor:

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Deadline for manuscript submissions:

**15 July 2024**

### **Message from the Guest Editor**

Severe bacterial infections are characterized by high morbidity and mortality rates, meaning that the appropriateness of therapy can have a profound clinical impact.

Owing to the widespread emergence of antibiotic-resistant bacteria, the therapeutic benefits of antibiotics have been reduced. Active agents against multidrug-resistant organisms are limited, despite an increase in the availability of novel antibiotics.

MDROs are continuing to develop and spread in healthcare settings; therefore, healthcare-associated infections (HAI) pose one of the most severe threats to patients' health.

Infection surveillance is one of the cornerstones of infection prevention and control. HAI surveillance, measured most frequently as the standardized infection ratio, is a form of quality monitoring to detect problems and to deploy rapid interventions.

This Special Issue seeks research papers on various aspects related to the problem of the spread of pathogens in healthcare settings and environments, antimicrobial resistance and the prevention and control of healthcare-associated infections, including waterborne infections.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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