

Special Issue

Detection and Epidemiology of Drug-Resistant Bacteria

Message from the Guest Editors

Antimicrobial resistance (AMR) is one of the primary global public health problems. This topic is historic, complex, and multifactorial, since AMR is an evolutionary phenomenon that has been increasing mainly due to the intensive use of antimicrobials and overall anthropogenic activities. Over the preceding years, the frequency of multidrug-resistant strains has increased even more due to the massive use of antibiotics during the COVID-19 pandemic, accelerating the spread of AMR across different sectors and representing a One Health challenge. In this context, monitoring antimicrobial-resistant bacteria in the human, animal, environmental, and food safety sectors becomes essential to achieving a better understanding of the spread and evolution of AMR. This Special Issue will focus on investigations of antimicrobial-resistant bacterial strains that impact public health. We welcome manuscripts related to the characterization, genomics, and epidemiology of relevant antimicrobial-resistant *Enterobacterales*, nonfermenting Gram-negative bacilli, *Staphylococcus*, and enterococci isolated from different sectors, although submissions are not limited to these topics.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Hinh Ly

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