

Special Issue

Classic and Emerging Pathogens as a Cause of Healthcare-Associated Infections: Current Knowledge and Future Approaches

Message from the Guest Editors

Healthcare-associated infections (HAIs) are currently one of the most important public health challenges worldwide. It is estimated that in Europe, 6.5% of patients admitted to an acute care hospital develop an HAI. Moreover, there is growing concern within the scientific community regarding the increasingly widespread and consistent phenomenon of antibiotic resistance. Indeed, microorganisms have gradually developed resistance mechanisms against almost all of the available antibiotics. Specifically, besides classic pathogens already known and studied for a long time, so-called 'ESCAPE' microorganisms, new pathogens, such as *Candida auris* and other new bacteria, are also spreading worldwide. Current strategies to fight this crucial public health issue especially involve active surveillance, good practises in healthcare, and antimicrobial stewardship. In this perspective, the present Special Issue aims to collect high-quality, rigorous scientific papers in order to summarize the current knowledge on this pressing public health challenge.

Guest Editors

Dr. Alessio Facciola

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, 98125 Messina, Italy

Dr. Antonio Laganà

Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, 98125 Messina, Italy

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Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

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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

Department of Veterinary and Biomedical Sciences, College of
Veterinary Medicine, University of Minnesota, Saint Paul, MN 55108,
USA

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