

Special Issue

Healthcare Infections, Healthcare Environment and Antimicrobial Resistance

Message from the Guest Editor

Infections in high-risk healthcare wards due to emerging pathogens are responsible for a high mortality rate. The emerging pathogens involved are both Gram-negative and Gram-positive. The severity of these infections is due to the virulence factors of the bacteria, their resistance to multiple antibiotics and the associated difficulty in treating infections, and their occurrence in debilitated patients. The inanimate environment can act as a reservoir and some studies have demonstrated that the rate of exogenous transmission of these bacteria is important. To better prevent nosocomial infections related to emerging pathogens, the control of the environment, the strict application of hand hygiene, and all recommended procedures and the investigation of potential cross-transmission in the healthcare setting are needed. This Special Issue seeks research papers on various aspects related to the role of the environment in the spread of emerging pathogens in healthcare settings, prevention, and control of healthcare-associated infections, including waterborne infections.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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