

Special Issue

Prevention and Antimicrobial Surveillance of Hospital-Associated Infections

Message from the Guest Editor

Nosocomial infections are a worldwide emerging problem causing life-threatening conditions and financial impact on healthcare systems. Neonatal, pediatric and adult patients infected by antibiotic-resistant nosocomial pathogens are difficult to treat and are associated with increased morbidity and mortality rates. Intensive care units are the most vulnerable departments in medical settings and health-associated infections in these units are difficult to treat. Hand and environmental hygiene, antimicrobial stewardship, care coordination, surveillance of infection patterns, screening and cohorting patients and coordination between different health care professionals are essential strategies for nosocomial infection control and prevention. Laboratory, pharmacological, clinical and epidemiological studies are required and are more than welcome in order to improve the management of the complex and multifactorial problem of health-care associated 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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