

Special Issue

Infection Prevention and Control in Health Care

Message from the Guest Editors

Healthcare-associated infections (HAIs) are a serious public health problem worldwide. According to the Directorate General of the World Health Organization (WHO), the impact of healthcare-associated infections and antimicrobial resistance on people's lives is incalculable. More than 24% of patients affected by healthcare-associated sepsis and 52.3% of patients treated in an Intensive Care Unit die each year. Deaths increase two- to three-fold when infections are resistant to antimicrobials. Globally, the COVID-19 pandemic has exposed challenges and gaps in infection prevention and control, including in countries that have more advanced programs. The pandemic expanded the opportunities for action to be taken regarding safety, efficiency, and quality, in addition to strengthening programs in health systems. The challenge remains to secure the necessary human resources, supplies, and infrastructure. HAIs also contribute negatively to increases in the length of stay of patients in hospital and increased morbidity and mortality rates, thus impacting costs. This Special Issue focuses on the current state of knowledge on the problem of healthcare-associated infections (HAIs).

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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