



Resistance to Antibacterials in Human Pathogens

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Message from the Guest Editors

Dear Colleagues,

The progressive increase in resistances to antibiotics in bacterial human pathogens is a worldwide public health concern. The aim of this topic is to provide an up-to-date overview of the current situation of antimicrobial resistances in human bacterial pathogens. Publications may deal with epidemiological data, medical data, economic data, antibiotic resistance phenotypes and genotypes, new methodologies for assessing antibiotic resistances (including whole genome sequencing), and genetic mechanisms of the emergence and spread of antibiotic resistances. This topic is focused on human bacterial pathogens and resistance to antibiotics but is not restricted to specific bacterial species.

Keywords: antibiotic resistance; epidemiology; medical and economic impact; phenotypes; genotypes; detection methods; Genetic mechanisms of the emergence and spread





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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.

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