



Epidemiology of ESBL-Producing Enterobacteriaceae

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The emergence of ESBL (Extended spectrum beta-lactamase) -producing Enterobacteriaceae (or third generation cephalosporin resistant) lead to a challenge in the treatment of community-acquired and nosocomial infection. Higher percentage of ESBL-producing Enterobacteriaceae correlated with more treatment failure and more carbapenem use. There were some research gaps in the epidemiology, risk factors and transmission model of ESBL producing and MDR Enterobacteriaceae in different clinical settings. And more data in animal and environment distribution is necessary. We welcome the study about distribution and molecular characterization in antibiotic resistant genes in ESBL-producing Enterobacteriaceae. And antibiotic utilization patterns in patients with infection or decolonization strategies in asymptomatic carriers is also helpful to our readers.

Dr. Jiun-Ling Wang

Guest Editor





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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 disciples 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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