

Special Issue

Targeted Diagnosis and Advances in the Clinical Application of Infectious Diseases

Message from the Guest Editor

Clinical and healthcare safety is an essential dimension of current healthcare quality. Among the most important and transcendent threats are healthcare-associated infections. These develop mainly during the hospitalisation of patients, which increases hospital stays and costs. It is estimated that globally, 1,270,000 deaths are attributable to multi-resistant pathogens such as *E Coli*, *Klebsiela pneumoniae*, *Acinetobacter baumannii* and carbapenem-resistant *Pseudomonas aureoginosa*, which are responsible for 70% of antimicrobial resistance in terms of premature morbidity and mortality in healthcare settings. On the other hand, there are emerging infections that currently pose a threat to the public health of countries, such as viruses transmitted by Aedes mosquitoes, viruses transmitted by arthropods such as the Nile, Ebola and Marburg viruses, respiratory coronaviruses and avian influenza viruses A/H5N1 and A/H7N9.

Guest Editor

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