Special Issue

Infectious Diseases: Clinical Diagnosis and Molecular Epidemiology 2.0

Message from the Guest Editor

After two years focused on the COVID-19 pandemic and on the effects of an emerging variant of the SARS-CoV family on global health with all the associated challenges, I would like to direct your attention in this Special Issue of Microorganisms to the impact of other microbial pathogens.

In clinical settings a precise result and many more time-to-result of pathogen detection is crucial for differential diagnosis and patient management. Ever since the introduction of nucleic acid amplification techniques, a great deal of effort has been made. However, the interpretation of DNA detection results still requires experience, especially when multiple pathogens are detected. Moreover, genotypic versus phenotypic antimicrobial resistance observations have to be discussed carefully. Worldwide surveillance of resistance evolution may contribute to successful presumptive therapy.

For this Special Issue, we invite you to submit contributions concerning any aspect of recent implementations of modern diagnostic assets in the clinical routine, as well as strategies for infectious disease epidemiology.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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