



Infectious Diseases: Clinical Diagnosis and Molecular Epidemiology

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

After a year 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 challenges, I would like to direct your attention in this Special Issue to the impact of other microbial pathogens, i.e., bacteria, other circulating and (re-)emerging viruses, fungi, and parasites.

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, much 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 and strategies for infectious disease epidemiology.

Dr. Ralf Matthias Hagen
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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