



Infectious Diseases: Clinical Diagnosis and Molecular Epidemiology

Guest Editor:

Dr. Ralf Matthias Hagen

Department of Microbiology and
Hospital Hygiene, Bundeswehr
Central Hospital, Andernacher Str
100, 56070 Koblenz, Germany

Deadline for manuscript
submissions:

closed (31 December 2021)

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



mdpi.com/si/67834



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Toxicology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI