



Research on Relevant Clinical Infections

Guest Editors:

Dr. Ludwig Knabl

Prof. Dr. Johannes Haybaeck

Dr. Silke Huber

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Message from the Guest Editors

Microbial infections have emerged to cause diseases that can be devastating and sometimes fatal to the host. The four main groups of causative pathogens are viruses, bacteria, fungi, and parasites. Polymicrobial infections caused by combinations of pathogens are a special case. However, many infectious diseases are caused by bacterial infections which caused very high mortality rates before antibiotics were discovered. Nowadays, the rapid global spread of pathogens that have acquired new antimicrobial resistance mechanisms is a major global health threat, causing difficult-to-treat infections and are therefore of particular interest to researchers in the clinical setting.

This Special Issue aims to present recent findings on various aspects of relevant clinical microbial infections. The main focus points include:

Epidemiology and clinical features of microbial infections;
Infections in special populations / nosocomial infections;
Molecular insights into the pathomechanisms of specific infections;
Challenges and advances in the treatment of microbial infections;
Antimicrobial resistance mechanisms in microbial infections.





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, 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.

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Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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