

Special Issue

Rare Human Pathogens

Message from the Guest Editor

In routine diagnostics, bacteria are repeatedly identified, about which little information is available (often only case reports). Infections with these species are often observed in patients with a compromised immune system. Due to an aging society and the associated immune senescence, it can be assumed that these species will become increasingly important. Due to the rare occurrence and limited information available, a targeted assessment of clinical relevance and the best therapy is challenging for both the consulting microbiologist and the treating physicians. This Special Issue, therefore, aims to contribute to clarifying the significance of rare human pathogenic bacteria that have only recently been identified for the first time and have hardly been researched. Review articles (including mini-reviews) and original publications will be considered. Articles that include studies and results on the genetics of the bacteria (including virulence and resistance properties) but also on the identification of the respective species are particularly welcome. First descriptions of bacteria will also be considered in cases where there is a clear link to the patient's clinic.

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).