

Special Issue

Diagnosis, Treatment, and Prevention of Biofilm Infections –How to Proceed?

Message from the Guest Editors

The ESCMID guidelines of diagnosis and treatment of biofilm infections were published in 2015 [1] and the need for new methods and research was discussed in 2023 [2]. The purpose of this Special Issue is, therefore, to invite biofilm scientists to publish original articles or survey articles regarding diagnosis, treatment, and prevention of medical biofilm infections. Such articles may include in vitro experiments or animal experiments with clear clinical possibilities of reaching clinical phase 2 trials, or the articles that show promising or convincing in vivo clinical results of new diagnostic, therapeutic, or prophylactic methods, which can then be investigated in larger clinical trials. The submitted methods and articles should emphasize how planktonic and biofilm infections can be reliably differentiated by the new methods, which can be used for early biofilm infections (infections lasting days or weeks) and/or 'old' biofilm infections (old infections lasting months or years). We look forward to your submissions.

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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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