

Special Issue

Research on Microbial Periprosthetic Infections

Message from the Guest Editors

Implantable medical devices have revolutionized the care provided for patients suffering from a diverse spectrum of medical conditions. Unfortunately, a common complication that hampers the intended benefit of any implanted medical device is periprosthetic infection, with biofilm formation on infected implant surfaces being one of the main culprits that poses a significant therapeutic challenge for current standard antimicrobial therapies. The Special Issue aims to present recent research related to periprosthetic infections, with a focus on, among other potential themes, biofilm biology on various implant surfaces, local and systemic host responses to biofilm formation, approaches to treat and prevent biofilm formation, economic and functional implications of periprosthetic infections. Reviews, original research and communications will be welcome.

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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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