Special Issue

Orthopedic Implant-Associated Infections: Unlocking the Secrets of Prevention and Treatment

Message from the Guest Editors

The fundamental aspects of orthopedic implants, as well as an exploration of the interactions between the device, the host, and the infecting microorganisms, will be addressed. Through a meticulous analysis of the risk factors and pathogenesis, we will gain valuable insights into the identification and prevention of implantassociated infections. This Special Issue will also offer a detailed exploration of the diagnostic modalities available, including traditional and advanced laboratory techniques, imaging studies, and molecular testing methods. We will discuss the challenges associated with early detection, as well as the emerging technologies that hold promise for a more accurate and timely diagnosis. Furthermore, we will highlight the latest advancements in the field of antimicrobial therapies, ranging from prophylactic measures to targeted treatment strategies. We will delve into the intricacies of antibiotic stewardship, the role of implant coatings, and the potential of immunotherapeutic interventions. The different surgical strategies and their outcomes will be the object of this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



Healthcare

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Impact Factor 2.7
CiteScore 4.7
Indexed in PubMed



mdpi.com/si/178700

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Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

Editor-in-Chief

issues.

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