

Special Issue

Antimicrobial Treatment of Orthopedic and Related Prosthetic Infections

Message from the Guest Editors

Orthopedics and implant infections are a growing concern. *Staphylococcus aureus*, one of the main protagonists responsible for related infections, was identified as a human commensal but also as a dangerous pathogen. Due to its growing antibiotic resistance, it is necessary to find numerous antibacterial agents, including new antibiotics, and new strategies to treat these biofilm-associated infections. Different antibiotic combinations are also an effective option. Antibiotics must reach the site of infection both in sufficient concentrations and time in order to be effective. Selection of the ideal antibiotic tissue pharmacokinetic profile depends on the efficacy of the particular antibiotic (e.g., time- and concentration-dependent effects). This Special Issue seeks manuscript submissions to further our understanding of the antimicrobial treatment of orthopedic and related prosthetic infections.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2024)



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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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