

Special Issue

Diagnostics and Antibiotic Therapy in Bone and Joint Infections

Message from the Guest Editors

We are pleased to announce the forthcoming Special Issue of *Antibiotics*. Bone and joint infections represent a complex clinical challenge, often requiring timely diagnosis and multidisciplinary management to ensure optimal clinical and functional outcomes. Despite advances in imaging, microbiology, surgical techniques, and antimicrobial stewardship, significant gaps remain in our understanding and standardization of diagnostic and therapeutic approaches. This Special Issue aims to bring together high-quality original research and comprehensive reviews that explore current trends, innovative diagnostic tools, surgical strategies, and evolving antibiotic regimens in the management of osteomyelitis, implant-related infections, and other musculoskeletal infections. We warmly invite researchers, clinicians, microbiologists, and infectious disease specialists to contribute their relevant work to this issue. Submissions addressing novel biomarkers, rapid diagnostic techniques, biofilm-related challenges, antibiotic resistance, the use of new local antimicrobial carriers, and alternative treatment algorithms for bone and joint infections are particularly encouraged.

Guest Editors

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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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