



Pathogenicity and Virulence of the Major Gram-Positive Bacteria—Staphylococci and Enterococci

Guest Editors:

Prof. Dr. Parviz Ahmad-Nejad

Institute for Medical Laboratory
Diagnostics, Center for Clinical
and Translational Research
(CCTR), Helios University Hospital
Wuppertal, Witten/Herdecke
University, 42283 Wuppertal,
Germany

Dr. Malik Aydin

Center of Pediatrics, Helios
University Hospital Wuppertal,
Wuppertal, Germany

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

The aim of this Special Issue is to elucidate the molecular features of genes, plasmids, and clones of major Gram-positive bacteria, staphylococci, and enterococci.

Among multidrug-resistant (MDR) Gram-positive bacteria, and MRSA (methicillin-resistant *Staphylococcus aureus* and vancomycin-resistant enterococci (VRE), especially *E. faecium*) are a most pressing concern.

As Guest Editor of this Special Issue, I am delighted to invite colleagues investigating any of the pathogenic staphylococci and enterococci within the areas of their ecology, genetics, genomics, immunology, diagnostic detection, public health, and antimicrobial development to submit their manuscripts to this Special Issue in the form of original research, short communication, and reviews. This includes original clinical and laboratory-based research, together with reports of clinical trials and reviews dealing with the epidemiology, clinical diagnosis, treatment, and control of MDR—Gram-positive bacteria, including MRSA and VRE.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*Microbiology (medical)*)

Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI