

Special Issue

Exploration of Intrinsic Resistance in Bacteria

Message from the Guest Editor

Intrinsic resistance is a major contributing factor for the development of persistent, chronic, and drug-resistant infections in clinics. Therefore, it is critical to identify and characterize origins of intrinsic resistance and to understand molecular mechanisms including the metabolic transition of the pathogen and the host environmental factors stimulating the antibiotic tolerance state in bacteria.

This research topic encourages original research articles, brief research reports, perspective, opinion articles and reviews laying foundation into the deep understanding of bacterial inherent mechanisms promoting the antimicrobial resistance and demonstrating innovative treatment strategies that can potentially increase the therapeutic efficacy of existing antibiotics.

Guest Editor

Dr. Lia Danelishvili

Department of Biomedical Sciences, Carlson College of Veterinary Medicine, Oregon State University, Corvallis, OR, USA

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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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.

Editor-in-Chief

Dr. Nico Jehmlich

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

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