

Special Issue

Bacterial Stress Response Mechanisms: Signal Perception, Transduction and Adaptation

Message from the Guest Editors

This Special Issue entitled "Bacterial Stress Response Mechanisms: Signal Perception, Transduction and Adaptation" aims to showcase our increased understanding of the mechanisms by which bacteria sense and respond to stresses encountered in the host or other environments. Potential topics include, but are not limited to the following:

- Bacterial stress response;
- Molecular mechanisms involved in bacterial adaptation;
- Response to antimicrobials, host immune system, hormones, and environmental cues;
- Response to antimicrobial potentiators;
- Sigma factors, TCS, sncRNA.

Guest Editors

Prof. Dr. Sylvie Chevalier

Laboratoire de Microbiologie Signaux et Microenvironnement, LMSM
EA4312, Université de Rouen Normandie, IUT Evreux - 55 rue St
Germain, 27000 Evreux, France

Prof. Dr. Pierre Cornelis

Normandie Sécurité Sanitaire, Université de Rouen Normandie, IUT
Evreux - 55 rue St Germain, 27000 Evreux, France

Deadline for manuscript submissions

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

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About the Journal

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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).