microorganisms

IMPACT FACTOR 4.1

Indexed in: PubMed

CITESCORE 7.4

an Open Access Journal by MDPI

Complex Signal Transduction Systems in Bacteria

Guest Editor:

Prof. Dr. Kirsten Jung
Ludwig-Maximilians-Universität München, Munich, Germany

Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editor

Dear Colleagues,

Throughout their life, bacteria interact with their surrounding by exchanging information with other cells, by exploring optimal growth conditions, and by sensing and responding to environmental stress. Thus, the signaling network of bacteria is a complex and indispensable aspect of bacterial life. Therefore, it is not surprising that research in this field is highly dynamic, and novel and important phenomena and mechanisms related to bacterial signaling are continuously uncovered and elucidated.

The bacterial cell is surrounded by the cell envelope, which is the basis for the cell's shape and its physiological individuality. Signaling can thus be conceptually divided into processes which occur outside the cell, across the membrane between the interior and the exterior and within the cytoplasmic compartment. This Special Issue shall provide new insights into all facets of the complex signal transduction systems in bacteria.

microorganisms

IMPACT FACTOR 4.1 | Indexed in: PubMed | CITESCORE 7.4

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*)

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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