

Special Issue

Biofilms and Microbiologically Influenced Corrosion: Recent Advances in Analysis, Detection and Mitigation

Message from the Guest Editor

This Special Issue welcomes contributions in the following areas:

- Biofilm formation on materials (both metallic and non-metallic): attachment processes, biofilm properties, structure, composition, and interactions with the environment.
- Biofilm research: analysis, methods and technologies.
- Multispecies biofilms, interspecies relationships and their effects on corrosion.
- Sensors and the early detection of biofilms.
- Biofilm interactions with antimicrobials.
- Innovative and eco-friendly approaches for biofilm inhibition.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2023)



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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

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Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Virology)

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).