

# Special Issue

## Potential for Microbial Habitability on Mars: In Situ Resource Utilization Technologies for Human Missions to Mars

### Message from the Guest Editor

Through this Special Issue exploring potential microorganisms on Mars, we will foster debate around the real possibilities of a metabolic niche on Mars and ISRU developments for space exploration. Articles describing experiments using simulation chambers and Earth analogues and the development of new ISRU (in situ resource utilization) technologies, as well as discussions of Martian habitability, are welcome.

### Guest Editor

Dr. Felipe Gómez

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### Deadline for manuscript submissions

30 September 2025



**Microorganisms**

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**Impact Factor 4.2**  
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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.

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### Editor-in-Chief

Dr. Nico Jehmlich

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

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