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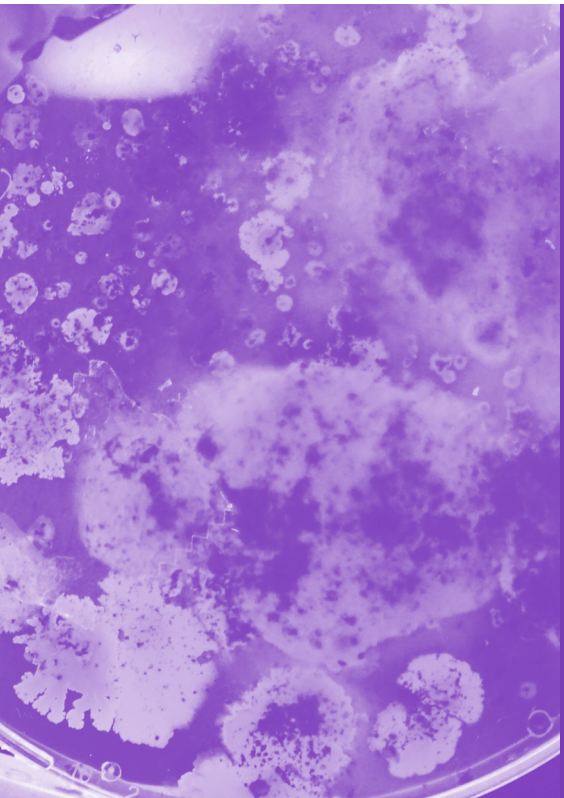

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Message from the Editor-in-Chief

I am honored to serve as Editor-in-Chief of *Bacteria* and continue the strong work of my predecessor, Prof. Dr. Bart C. Weimer, since the journal's launch in 2022. I deeply appreciate the trust placed in me by MDPI and the editorial community.

My vision is to foster an inclusive, dynamic, and forward-thinking journal that upholds scientific excellence while promoting interdisciplinary collaboration, aiming to advance bacteriology by fostering open dialog, highlighting impactful discoveries, and addressing key challenges in our field.

As a researcher in bacterial genomics and molecular genetics, as well as a former Editorial Board member, I have witnessed this journal's commitment to rigorous peer review. Under my leadership, *Bacteria* will continue to grow as a leading platform, focusing on bacterial genomics, host–pathogen interactions, antimicrobial resistance, and translational applications in human, animal, and environmental health. We will launch Special Issues on microbial biotechnology and the microbiota's role in emerging infectious diseases, in addition to introducing new sections for early-career researchers and emerging methodologies. These initiatives, along with streamlined peer review and enhanced community engagement, will keep *Bacteria* at the forefront of the field.

I invite the global scientific community to submit high-quality research addressing critical challenges in bacterial sciences and to help shape the next chapter of this rapidly evolving field.

Editor-in-Chief
Prof. Dr. Vasco Ariston de Carvalho Azevedo

Aims

Bacteria (ISSN 2674-1334) is an international, peer-reviewed, open access journal focused on bacteriology. It publishes reviews, research papers, and communications. Our aim is to encourage scientists to publish experimental and theoretical results that represent rigorous experimental designs and robust analyses. There is no restriction on the maximum length of the papers that can be submitted. Full experimental details must be provided so that the results can be independently reproduced. Electronic files and software showing the full details of the calculation or experimental procedure, if unable to be published within the text, should be deposited as supplementary electronic materials suitable for reuse.

Scope

- Bacterial genomics and evolution
- Comparative bacterial genomics
- Integrative methods for the bacterial physiology and systems biology of bacteria
- Population genomics in bacteria
- Integrative approaches for bacterial adaptation
- Bacterial development
- Bacterial structural biology
- Bacterial pathogenesis and host response
- Bacterial immune evasion
- Bacterial metabolism
- Bacterial transformation and transcription
- Bacterial secretion
- Bacterial techniques and applications
- Bacterial toxins
- Bacterial ecology

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CiteScore - Q1 (Agricultural and Biological Sciences (miscellaneous))

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ESCI (Web of Science), Scopus and other databases

Rapid Publication

A first decision is provided to authors approximately 26.6 days after submission; acceptance to publication is undertaken in 10.8 days (median values for papers published in this journal in the first half of 2026)

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