

# Special Issue

## Antibiotic Bans and Antimicrobial Resistance: Progress, Challenges, and Future Strategies

### Message from the Guest Editors

Dear Colleague, this Special Issue will explore the impact of antibiotic use bans on the development and spread of antimicrobial resistance. We invite original articles, reviews, and case studies that delve into key topics such as the following:

- Trends in antimicrobial resistance post-antibiotic bans;
- Effectiveness of antibiotic bans in different sectors (healthcare, veterinary, agriculture, and food industry);
- Mechanisms of resistance persistence despite antibiotic restrictions;
- Alternative strategies for infection control and disease prevention;
- Impact of antibiotic bans on microbiome composition in humans, animals, and the environment;
- Regulatory frameworks and policy evaluations on antibiotic use;
- Comparative studies between countries with and without antibiotic restrictions.

By bringing together diverse perspectives, this Special Issue will provide a comprehensive assessment of the successes and limitations of antibiotic use bans, offering evidence-based insights to guide future policy decisions and interventions in the fight against AMR.

You may choose our [Joint Special Issue in Antibiotics](#).

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



**Microorganisms**

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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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#### High Visibility:

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#### Journal Rank:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).