

Special Issue

Antimicrobial Resistance and Environmental Health, 2nd Edition

Message from the Guest Editor

Current research shows that the antimicrobial resistance crisis is far from being resolved. However, the complex nature of the environment makes the environmental dimension of AMR a less addressed topic compared to its human and animal counterparts in the One Health triad. Therefore, after the success of our first Special Issue, titled “Antimicrobial Resistance and Environmental Health”, we decided to launch a second volume to provide up-to-date information on AMR in the environment globally. The second volume of this Special Issue, like the first one, aims to provide a comprehensive update on antimicrobial resistance and environmental health. Manuscripts reporting on the environment (water, air, and soil) as a critical reservoir and significant transmission route of clinically important antibiotic-resistant bacteria and their associated resistance genes will be considered. These include, but are not limited to, studies using culture-based, culture-independent approaches, including genomics (whole-genome sequencing and metagenomics), identification methods, and concepts suggesting methods of studying AMR and its link to environmental health.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2025)



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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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