

Special Issue

Antimicrobial Resistance and One Health: Environmental Health, Food Safety, and Practice of Health Professionals

Message from the Guest Editors

Antimicrobial resistance (AMR) is one of the greatest threats to human and animal health, with profound implications for food safety and environmental sustainability. As resistant microorganisms spread through food chains, agriculture, and ecosystems, a comprehensive One Health approach is essential to understand and mitigate these risks. Challenges persist due to limited awareness of good practices among health professionals and citizens, and the absence of harmonized surveillance systems across sectors, leading to gaps in data. Without surveillance, resistance in zoonotic pathogens complicates prevention and control, making it difficult to implement evidence-based measures. This Special Issue will highlight advances at the intersection of AMR, food safety, environmental health, health professionals' practices, public awareness, and One Health. We welcome submissions on AMR and One Health, including multidisciplinary approaches and policies.

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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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