



Antibiotics Stewardship in Low and Middle-Income Countries

Guest Editors:

Dr. Tania Ayllón

Department of Animal Health,
Faculty of Veterinary Medicine,
Complutense University of
Madrid, 28040 Madrid, Spain

Dr. Gustavo Ortiz-Díez

Department of Animal Medicine
and Surgery, Faculty of Veterinary
Medicine, Complutense
University of Madrid, 28040
Madrid, Spain

Deadline for manuscript
submissions:

closed (30 June 2025)

Message from the Guest Editors

Antimicrobial resistance (AMR) is an escalating global crisis that significantly impacts public health, animal health, and the environment. This issue is particularly severe in low and middle-income countries (LMICs). Addressing AMR requires a comprehensive and integrated approach, particularly under the "One Health" concept. Strengthening epidemiological surveillance and regulatory frameworks can help monitor and control the spread of resistant strains.

This Special Issue aims to present recent research and reviews on Antibiotics Stewardship in LMICs, covering epidemiological surveillance, regulatory improvements, and effective stewardship practices. It will also explore innovative prevention strategies, hygiene and disinfection measures, community-based interventions, and the role of surveys in evaluating antibiotic use and surveillance efforts. By highlighting these multifaceted approaches, this issue seeks to provide valuable insights and actionable recommendations to curb AMR in resource-limited settings.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

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 disciples 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Infectious Diseases) / CiteScore - Q1 (General Pharmacology, Toxicology and Pharmaceutics)

Contact Us

Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
X@antibioticsmdpi