



Detection of Bacteria and Antibiotics Surveillance in Livestock

Guest Editor:

Dr. Danijela Horvatek Tomić

Department of Poultry Diseases
with Clinic, Faculty of Veterinary
Medicine, University of Zagreb,
Heinzlova 55, 10000 Zagreb,
Croatia

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editor

Because the borders between countries are wide open and there is a free movement of goods, people and animals, the spread of infectious diseases is significantly facilitated. Viral and bacterial infectious diseases represent one of the main causes of death worldwide, in both human and veterinary medicine. However, it is also necessary to mention their negative impact on productivity and the economy. Therefore, it is necessary to detect pathogenic bacteria in different livestock by employing the most suitable methods, in regard to the sample type, the timescale of obtaining results, and costs. Antimicrobial resistance (AMR) is closely related to the pathogenic bacteria present in livestock. It is therefore necessary to monitor data on the incidence of AMR throughout the entire food chain, from farm to table, using methods that enable an easier comparison between results and their further analysis.

Dr. Danijela Horvatek Tomić

Guest Editor





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 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.

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, CAPUS / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1
(*General Pharmacology, Toxicology and Pharmaceutics*)

Contact Us

Antibiotics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
[X@antibioticsmdpi](https://twitter.com/antibioticsmdpi)