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Detection of Bacteria and Antibiotics Surveillance in Livestock

Guest Editor:

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Deadline for manuscript submissions:
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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

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Editor-in-Chief

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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.

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