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Antimicrobial Resistance and Infections in Animals

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Message from the Guest Editor

Dear Colleagues,

Antimicrobial Resistance (AMR) continues to be one of the major issues facing both animal and human health. The number of reports on more infections developing resistance to one or multiple antimicrobial agents increases every year.

This Special Issue invites articles on AMR in animals with the following emphases:

1. Demonstration of infections that have recently developed resistance to current antimicrobial agents and factors leading to such resistance in animal populations.
2. Exploration of new molecular and genetic mechanisms leading to AMR.
3. Practical alternative therapies to use for antimicrobial agents in animal populations.
4. Comparison of humane and societal concerns of using antimicrobial agents versus alternative therapies.

Prof. Dr. John B. Kaneene
Guest Editor



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Special Issue



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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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