



Recent Advances in Antibiotic and Antibiotic Resistance Research in Food

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Message from the Guest Editors

Dear Colleagues,

In recent years, a growing body of evidence has indicated that the food production chain may play a key role in the transmission of antimicrobial resistance among microorganisms present in food. Therefore, great efforts have been made to redirect antibiotic therapies in primary production, and extensive work has also been developed to try to understand at what points in the food chain the antimicrobial resistance transmission can be controlled and reduced. This Special Issue welcomes both research and review papers on the most recent and innovative developments of antibiotics and antimicrobial resistance in foods.

Keywords: antimicrobial resistance; antibiotic chemotherapy in animals; food safety; food chain; animal production; alternative animal chemotherapy

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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 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.

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