Special Issue

Antimicrobial Resistance in Food Animals and Human — a One Health Perspective

Message from the Guest Editors

Microbial resistance is considered a major health issue for humans and is considered one of the most important emerging pathogenic characteristics of zoonotic pathogens. In fact, specific antimicrobial resistance control programs in food animals have had an effect on the occurrence of resistant pathogens in humans. Therefore, an understanding of microbial resistance in the food animal–humans interface is deemed necessary for the prevention of this rather alarming phenomenon. As it involves the environment, animals, and humans, the study and prevention of antimicrobial resistance can only be carried out under the One Health umbrella. This Special Issue aims to provide a platform for the publication of research concerning antimicrobial resistance in food animals, humans, and their interface, ideally using the One Health approach. Topics of interest include routes of transmission, the emergence of resistance in both food animals and humans, and resistance genes. Articles discussing new techniques for attenuating and controlling resistance in food animals or preventing its spread to humans are also welcome.

Guest Editors

Dr. Panagiota Gousia

Department of Food Testing and Research Laboratories of Thessaloniki, Hellenic Food Authority, 570 01 Thermi, Greece

Dr. Vangelis Economou

Laboratory of Animal Food Products Hygiene and Veterinary Public Health, School of Veterinary Medicine, Aristotle University of Thessaloniki, 541 24 Thessaloniki, Greece

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Antibiotics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antibiotics@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Nicholas Dixon
School of Chemistry and Molecular Bioscience, University of Wollongong, Wollongong, NSW 2522, Australia

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