

Special Issue

Antimicrobial Resistance in the Wildlife

Message from the Guest Editors

Wildlife is often referred to as reservoirs, vectors, sentinels, and bioindicators of resistant pathogens and genetic determinants of AMR in the environment; nevertheless, the knowledge regarding the implications of these terms for public health remains unclear, as well as the complex transmission dynamics of AMR at the One Health interface. Moreover, some wild species, especially wild ungulates and wild boars, are now considered sources of human foodborne pathogens due to the manipulation and consumption of game meat. In this frame, this Special Issue welcomes article submissions that focus on the acquisition of mechanisms of antimicrobial resistance in wildlife, the transmission of antimicrobial resistance between domestic and wild species, environmental sources of antimicrobial resistance in wild species, the role of natural habitats in antimicrobial resistance spreading, public health implications of antimicrobial resistance in wild animals, and surveillance and monitoring of antimicrobial resistance in wildlife.

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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 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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