Special Issue

Wild Animal Pathogens and Antimicrobial Resistance

Message from the Guest Editors

In this Special Issue, we are interested in showing the extent of the spread of pathogenic microorganisms to wildlife hosts and capturing the diversity of wildlife hosts, pathogenic classes and antimicrobial resistance determinants present in these wild animal pathogens. Overall, we aim to demonstrate the far-reaching spread of antimicrobial-resistant microorganisms from humans to wild animals and highlight the risks that this poses for both human health and wildlife health. This Special Issue will illustrate how integral wildlife is as a component of a One Health approach to addressing antimicrobial resistance and contribute to closing the epidemiological knowledge gap of antimicrobial resistance in wild animal pathogens. Keywords: antimicrobial resistance; wildlife; pathogens; zoonoses; reverse zoonoses; antibiotic; antibiotic resistance determinants; One Health; wildlife microbiome

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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