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Wild Animal Pathogens and Antimicrobial Resistance

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Message from the Guest Editors

Dear Colleagues,

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

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