



Advances and New insights in Laboratory Diagnosis of Infectious (Viral and Bacterial) Diseases in Wildlife Conservation Medicine

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Message from the Guest Editors

Wildlife conservation medicine requires adequate tools for the diagnosis of emergent or re-emergent diseases, able to menace the survival of threatened free-ranging species, or potentially transmissible to the humans. In recent years, lots of progress has been achieved in the diagnosis of infectious diseases in wildlife, but more appropriate investigations are necessary to improve the capacity to quickly detect pathogens in these species, starting from innovative, non-invasive sampling methods, applying new technologies for exhaustive antigenic/genetic characterization of the microorganisms, and choosing more appropriate tools for data analysis and surveillance/monitoring plan design. Furthermore, estimating transmission across host species remains a key challenge in disease ecology.

The aim of this Special Issue is to publish original paper or reviews focused on more innovative methodologies and techniques to diagnose viral and bacterial infections in wild species, with special focus on the diseases and their dynamics that have recently emerged as consequences of the environmental changes caused by the anthropogenic activities.





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Message from the Editor-in-Chief

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