

Special Issue

Parasitic Diseases in Wild Animals

Message from the Guest Editors

Parasitic diseases in wildlife, including birds, amphibians, reptiles, and mammals, can substantially affect species populations, posing a significant threat to biodiversity and ecological equilibrium. Comprehending the effects of these diseases on animal health is vital for maintaining ecosystem integrity. Wild animals often serve as reservoirs, maintenance hosts, and spillover hosts for a diverse range of parasitic agents. This is in addition to other challenges these species face, such as habitat loss and climate change. Birds, reptiles, and wild mammals can harbor, shed, and transmit zoonotic parasites, raising concerns for veterinary and public health. Furthermore, addressing parasitic conditions in wildlife is crucial for conservation initiatives and preventing the extinction of endangered species. Progress in this area requires an interdisciplinary approach integrating ecology and veterinary and medical sciences. This Special Issue aims to explore these dimensions, including diagnostic procedures, host–parasite interactions, and environmental conditions on parasitic diseases in wild animals.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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