

## Special Issue

# Canine Leishmaniasis: Epidemiology, Diagnosis, Pathogenesis, Treatment and Vaccine

### Message from the Guest Editors

Dear Colleagues, Leishmaniasis is a group of parasitic infectious diseases that are caused by protozoa of the genus *Leishmania*. In general, we can separate leishmaniasis into tegumentary leishmaniasis and visceral leishmaniasis. Dogs are considered as the main urban carriers of the disease in its visceral form in Central and South America, as well as in the Mediterranean basin. In addition, the disease has a high mortality rate for dogs, and we do not have efficient drugs or vaccines. Leishmaniasis are considered to be neglected in terms of research and the involvement of pets in the transmission cycle increases the risk for humans. Leishmaniasis vectors are Phlebotomine insects with predominantly wild behavior, but show clear adaptations to urban environments. On the other hand, dogs are frequently infected with dermatotropic species, which cause disease, but the role of the dog in this context is underexplored. Welcome to contribute your papers to the special issue.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2024)



## Pathogens

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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.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

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