

## Special Issue

# Advances in Research of Leptospirosis: Omics, Host-Pathogen Interactions, Immune Response and Mutagenesis

### Message from the Guest Editors

This Research Topic aims to enhance our knowledge of mutagenesis, host–pathogen interactions, immune response mechanisms associated with pathogenic *Leptospira* in hosts. This includes:

- Identification of surface-exposed immunogenic targets;
- Biological aspects of leptospiral mutagenesis;
- Molecular and cellular aspects of host–pathogen interactions;
- Animal models for the study of leptospiral mutants;
- Immunization and protection against lethal infection in the hamster model of leptospirosis.

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### Guest Editors

Dr. Ana L. T. O. Nascimento

Dr. Aline F. Teixeira

Dr. Luis G. V. Fernandes

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### Deadline for manuscript submissions

closed (15 February 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

Department of Veterinary & Biomedical Sciences, University of Minnesota, Twin Cities, MN, USA

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