



an Open Access Journal by MDPI

Leptospira and Leptospirosis: Molecular Pathogenesis and Virulence

Guest Editors:

Prof. Dr. Sreekumari Rajeev

College of Veterinary Medicine,
University of Tennessee, 2407
River Drive Knoxville, TN 37996,
USA

Dr. Alejandro Llanes

Instituto de Investigaciones
Científicas y Servicios de Alta
Tecnología (INDICASAT AIP),
Building 208, City of Knowledge,
Clayton, Panama City, Panama

Deadline for manuscript
submissions:

closed (15 May 2022)

Message from the Guest Editors

This special issue welcomes research papers focused on pathogenesis and virulence of *Leptospira*. Potential topics include, but are not limited to *Leptospira* genome structure and evolution, genetic factors determining susceptibility to infection (host preference, host/reservoir status), one- and two-component regulatory systems (TCSs), families of virulence factors (flagellar proteins, outer membrane lipoproteins and lecine-rich repeat proteins), protein secretion and extracellular proteases, immune response to *Leptospira* infection and traditional and high-throughput experimental methods to discover novel virulence factors.

Prof. Dr. Sreekumari Rajeev

Dr. Alejandro Llanes

Guest Editors



mdpi.com/si/58521

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Hinh Ly

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*General Immunology and Microbiology*)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)