Special Issue

Exploring Natural Products as Antiparasitic Agents: Efficacy Against Parasites of Veterinary and Public Health Significance

Message from the Guest Editors

The increasing prevalence of anthelmintic resistance among the three major groups of parasites (helminths, protozoa, and arthropods) affecting domesticated animals (pets and livestock) represents a significant challenge to both public and veterinary health. Thus, the development of novel antiparasitic agents is crucial. In this context, natural products derived from plants, fungi, and marine organisms have emerged as a promising resource. We are excited to invite you to submit your work for the upcoming Special Issue called "Exploring Natural Products as Antiparasitic agents: Efficacy against Parasites of Public and Veterinary Health Significance" and thereby contribute to this topic with original research articles, reviews, and short communications. This Special Issue aims to showcase the latest advancements in the development of novel antiparasitic agents, thereby allowing access to up-todate knowledge on the subject and guiding future research in this field.

Guest Editors

Dr. Agustín Olmedo-Juárez

Laboratory of Helminthology, National Centre for Disciplinary Research in Animal Health and Innocuity (CENID-SAI), National Institute for Research in Forestry, Agriculture and Livestock, INIFAP-SADER, Jiutepec 62550, Mexico

Dr. Elke Von Son-De Fernex

Tropical Livestock Center, Faculty of Veterinary Medicine and Zootechnics, National Autonomous University of Mexico (CEIEGT-FMVZ-UNAM), Martínez de la Torre, Veracruz 93600, Mexico

Deadline for manuscript submissions

31 January 2026



Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



mdpi.com/si/215985

Pathogens
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pathogens@mdpi.com

mdpi.com/journal/pathogens





Pathogens

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8 Indexed in PubMed



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

Prof. Dr. Hinh Ly

Department of Veterinary and Biomedical Sciences, College of Veterinary Medicine, University of Minnesota, Saint Paul, MN 55108, USA

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, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS. and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

