

Special Issue on
Epidemiology of Zoonotic Parasitic Diseases

CALL FOR PAPERS

The concept of One Health recognizes that the health of people is connected to the health of animals and the environment. Zoonotic diseases are contagious diseases spread between animals and affect humans seriously. They include all zoonotic diseases originated as well from animals such as wildlife, including domestic animals, insects, primates, and birds. An important number of parasitic zoonoses such as cryptosporidiosis, toxoplasmosis, and leishmaniasis have gained importance as human pathogens due to their ability to cause disease in patients with immune suppression due to HIV or by environmental changes. The majority of the classic parasitic diseases due to helminthes, nematodes, trematodes, cestodes, pentastomids, and protozoa are zoonotic. Cysticercosis/taeniasis is caused by a parasite that infects swine and can cause seizures, headache, and many other symptoms in humans. Other parasitic zoonoses include trematodosis, echinococcosis/hydatidosis, toxoplasmosis, trypanosomiasis, giardiasis, babesiosis, ascariasis, and trichinellosis. Zoonoses still represent significant public health threats, but many of them are neglected; that is, they are not prioritized by health systems at national and international levels, probably due their subdiagnosis. They can affect hundreds of thousands of people, especially in developing countries, although most of them can be prevented.

Zoonotic diseases bring together researchers and policy-makers by providing a venue for publishing integrated and global approaches to zoonoses and public health. The editors will consider papers that focus on timely collaborative and multidisciplinary research in zoonotic parasitic diseases in animals and/or vectors. This issue provides rapid publication of original papers, reviews, and potential discussion papers embracing this collaborative spirit. Papers should advance the scientific knowledge of the sources, transmission, prevention, and control of zoonotic parasitic diseases in animals and/or vectors. The special issue encourages publishing refereed, high-quality original research papers and reviews in all theoretical branches.

Potential topics include but are not limited to the following:

- ▶ Tropical medicine
- ▶ Veterinary pathology (domestic animals and wildlife)
- ▶ Emerging parasitic zoonoses in veterinary medicine
- ▶ Routes of transmission
- ▶ Vector-borne zoonotic diseases
- ▶ Insect infections and zoonotic diseases
- ▶ Zoonotic protozoan, nematode, Platyhelminthes, and parasites
- ▶ Pathogenesis of neglected diseases in animals/vectors
- ▶ Molecular epidemiology studies
- ▶ Food-borne zoonotic diseases
- ▶ Zoonotic ectoparasitic infestations
- ▶ Aquatic animal health in relation to neglected parasitic diseases
- ▶ Diagnostic challenges/innovation
- ▶ Epidemiology of neglected parasitic diseases in animal populations
- ▶ Control approaches of parasitic diseases

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/vmi/ezpd/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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