



Immunological Study of *Toxoplasma gondii* Infection in Animals

Guest Editor:

Dr. Delphine Le Roux

École Nationale Vétérinaire
d'Alfort, Université Paris-Est,
94700 Paris, France

Deadline for manuscript
submissions:

5 July 2024

Message from the Guest Editor

Toxoplasmosis is a challenging zoonotic parasitic disease that affects most warm-blooded animals, including birds, mammals and humans. It is important to know the serological status of humans for *T. gondii* infection, but also of production animals, to assess the risk of potential contamination. It is also important to assess the serological status of companion animals as cats are the definitive hosts of the parasite, and dogs also represent a rare potential source of infection. Companion and wild animals are also good sentinels for environmental contamination by *T. gondii*.

Serodiagnostic tests are most commonly used in clinical and epidemiological surveys to screen for the infection of humans and animals with *T. gondii*. However, tools for studying this host immune response to *T. gondii* have mainly been used in murine models and humans, and less in other animal species, which may be problematic (for example, these animals may not express the same immune receptors). This Special Issue will address the need for improved knowledge of animal immune responses, both humoral and cellular, in the context of *T. gondii* infections, by compiling a selection of research and review articles.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick Butaye

1. Department of Pathobiology,
Pharmacology and Zoological
Medicine, Faculty of Veterinary
Medicine, Ghent University,
Salisburylaan 133, B9820
Merelbeke, Belgium

2. Department of Infectious
Diseases and Public Health,
Jockey Club College of Veterinary
Medicine and Life Sciences, City
University of Hong Kong, 31 To
Yuen Street, Kowloon, Hong
Kong SAR 999077, China

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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**, **AGRIS**, and **other databases**.

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q2 (*General Veterinary*)

Contact Us

Veterinary Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/vetsci
vetsci@mdpi.com
[X@VetSci_MDPI](https://twitter.com/VetSci_MDPI)