



## Immunological Study of *Toxoplasma gondii* Infection in Animals

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### 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.





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