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Recent Advances in Toxoplasma gondii Infection and Toxoplasmosis

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Message from the Guest Editors

Dear colleagues,

Toxoplasmosis is a disease caused by the protozoan Toxoplasma gondii, which affects practically all warmblooded animals, including humans, domestic animals, and terrestrial and marine wild animals. In humans, toxoplasmosis is often subclinical in immunocompetent adults; however, in immunosuppressed individuals, it can cause encephalitis and retinochoroiditis. In pregnant women, the parasite can be transmitted to the fetus, causing miscarriage or the development of chorioretinitis, intracranial calcifications and hydrocephalus in the fetus. In animals, T. gondii is responsible for causing miscarriage, fetal mummification, stillbirth and congenital disease, leading to economic losses and increasing production costs. It can also occur subclinically in immunocompetent animals. With this Special Issue, we wish to invite our colleagues to submit original manuscripts, research papers, and meta-analyses to build a systematic collection of the available knowledge about T. gondii infection and toxoplasmosis.



