



Vaccine Development for Toxoplasmosis

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Message from the Guest Editor

Dear Colleagues,

Toxoplasmosis is a disease caused by *Toxoplasma gondii*, exerting a high impact on human health worldwide. This disease may affect immunocompromised individuals causing serious health issues such as encephalitis, pneumonia and even death.

Current treatment options are old, limited, and possess toxic side effects. At present, no vaccine exists to prevent human disease caused by *T. gondii*, thus demand for a vaccine presenting complete and lasting protection against toxoplasmosis is urgent.

This research topic will include contributions that highlight advances and challenges regarding the development of a novel prophylactic vaccine for toxoplasmosis. Research areas in this field may include (but are not limited to) the following:

nanovaccines development; establishment of *in vitro* and/or *in vivo* study models; immune responses; nasal immunization; identification of immune mechanisms induced by vaccination and related to protection against infection; vaccines in congenital toxoplasmosis.

I am pleased to invite you to contribute with original research articles or reviews.

Dr. Margarida Borges
Guest Editor





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Message from the Editor-in-Chief

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