

Special Issue

Immune Responses to Toxoplasma Infections

Message from the Guest Editor

Toxoplasmosis, first identified over a century ago, remains a complex and pressing global health concern. It is estimated that up to one-third of the world's population has been exposed to *Toxoplasma gondii*, with seroprevalence rates exceeding 60% in some regions—often without symptoms. Understanding the immune response and the parasite's biological dynamics is extremely important for the development of future therapeutic and vaccine approaches. As the primary entry point of this disease into the body is the oral route, studying the mucosal response is crucial for establishing protection within this unique immunological environment—the mucosae. Equally important is the systemic study of the immune response, which is crucial for understanding how to combat the infection before the parasite escapes into host cells.

Guest Editor

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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