



Emerging Insights in Pathogenesis of Infectious Protozoa and Algae

Guest Editor:

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Message from the Guest Editor

Today, more than twenty species of protozoa are documented as pathogens and claim a million deaths annually while more than a billion people are infected. The phylogenetically and structurally diverse group of unicellular pathogens undergo a complex life cycle, making protozoan infections challenging to prevent and treat. Moreover, the appearance of drug-resistant strains and increasing cases in new regions is a growing concern, especially when the invention of new antiprotozoals has not been as fruitful. Therefore, this Special Issue aims to compile and organize current knowledge on the pathogenesis of protozoa, including rare species, to promote the development of effective means to prevent, diagnose, and treat protozoan infections.

Similarly, in addition to protozoa, we also invite articles that present new perspectives in medical phycology, notably protothecosis of achlorophyllic alga, *Prototheca*. Although phylogenetically distant, non-photosynthetic *P. wickerhamii* and free-living amoebae share common ground in treatment schemes. We envision the two research areas bringing new findings and relevant ideas that mutually benefit and take the research to the next level.

