

Special Issue

Naegleria fowleri and Emerging Amoebic Infections

Message from the Guest Editors

Emerging amoebic infections, such as *Naegleria fowleri*, present a serious global health threat. Found in natural water sources like rivers and lakes, *Naegleria fowleri* causes Primary Amoebic Meningoencephalitis (PAM), a fatal disease with a mortality rate exceeding 95%. The high mortality is largely due to misdiagnosis, as PAM is often confused with other infections, delaying treatment. Additionally, the number of PAM cases appears to be increasing, potentially linked to rising temperatures from global warming, which favors the amoeba's rapid reproduction in warmer waters. This Special Issue seeks contributions on emerging amoebic infections, focusing on the distribution and epidemiology of *Naegleria fowleri*, and the challenges in understanding and controlling these diseases. We aim to improve awareness, develop prevention strategies, and support the creation of effective vaccines. Enhancing knowledge of these infections is crucial for timely diagnosis and the development of innovative treatments.

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