

Special Issue

Epidemiology, Diagnosis and Prevention of Yellow Fever

Message from the Guest Editor

Yellow fever, transmitted by mosquitoes, affects tropical Africa and South America. It has sylvatic and historical urban transmission cycles. Outbreaks occur due to low vaccination rates and increased mosquito habitats. Diagnosis relies on clinical symptoms, viral detection tests, and antibody tests. Differential diagnosis is needed to distinguish it from other arboviruses. The yellow fever vaccine is safe, effective, and provides long-term immunity. High vaccination coverage prevents outbreaks, with campaigns vital for maintaining rates. Vector control, such as repellents and nets, is also important. This special edition covers yellow fever's epidemiology, diagnosis, vaccination, and immune responses. It aims to support public health strategies in affected countries, offering insights into controlling the virus. Understanding yellow fever's transmission, diagnosis, and prevention is crucial for protecting populations and reducing its health impact.

Guest Editor

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