

Dengue Fever

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Dengue Virus (DenV)

DenV is a single stranded RNA virus that exhibits four distinct serologic types known as D1, D2, D3 and D4. It is a flavivirus.

Other pathogenic flaviviruses

In addition to Dengue Fever (DF) flaviviruses can cause yellow fever (YF), West Nile Fever (WNF), Japanese Encephalitis (JE), Tick Borne Encephalitis (TBE), St Louis Encephalitis (SLE), Murray Valley Encephalitis (MVE) and the recently discovered Zika Fever.

Arboviruses

An arbovirus is an arthropod-borne virus. DF and YF are the two most important and best known arboviral diseases. Both are carried by mosquitoes but DF is unusual in that humans are the natural host.