

Curriculum Vitae



Paul Reiter

Professor Paul Reiter is a British scientist whose entire career has been devoted to the biology, ecology and behaviour of mosquitoes, the transmission dynamics and epidemiology of the diseases they transmit, and methods for their control. During 14 years at the Dengue Branch of the US Centers for Disease Control and Prevention (CDC) in Puerto Rico he focussed on biology and control of *Aedes aegypti* and entomological aspects of dengue epidemiology. He is currently Professor at the [Institut Pasteur](#), Paris where his research includes vertical transmission of yellow fever virus and the behaviour of transgenic *Ae. aegypti*.

During studies of Saint Louis Encephalitis in Memphis, Tennessee, he captured the first specimen of *Aedes albopictus* detected outside Asia, identified a trade in used tires as its mode of introduction, and correctly predicted its rapid spread worldwide. Important findings in Puerto Rico included the role of "skip oviposition" in dispersal of *Ae. aegypti* and several aspects of its control. In studies of West Nile virus at Harvard he demonstrated that *Culex pipiens* do not blood-feed before entering winter diapause. He was co-ordinator of the West Nile sub-project of the EC-funded EDEN project, is co-director of the Mosquito-Borne Diseases sub-project of EDENext and has been awarded a second FP7 project on *Ae. albopictus* as a potential epidemic vector of dengue in Europe.

Professor Reiter has headed entomological investigations of outbreaks of dengue, yellow fever, Ebola, chikungunya and other infections in many countries. He is widely known for his outspoken views on the likely impact of climate change on vector-borne diseases

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