

Anti-mosquito antibodies reduce the susceptibility of *Aedes aegypti* to arbovirus infection

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ABSTRACT. *Aedes aegypti* (L.) mosquitoes showed a significant reduction in susceptibility to infection with Ross River virus and Murray Valley encephalitis virus when they were fed on a blood-virus mixture containing rabbit antibodies to mosquito midgut components. Presence of the antibodies did not demonstrably affect virus titres in infected mosquitoes, nor the transmission of virus from infected mosquitoes to vertebrates.