**BBC Radio Asia**

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with zico virus strains from either brazil or from puerto rico can to test whether the vaccine worked we looked at the amount of virus in the bloodstream of the animals all the un vaccinated mice had higher levels of virus replication in the blood we are as all the vaccinated mice showed no virus detectable in the blood after a challenge with the cutbacks how did you get busy virus into the night virus was injected intravenously so you don't know whether or not this would protect against mosquitoes transmit his secret this stage well we need to be cautious about extrapolate in email stated to humans including the method of transmission as well as the complexities of infection in humans compare the defection of laboratory animals are raised that point because we heard last week from clive mckay me at leeds university sharing that when you have a nasty bite the mosquito bite has an incredibly powerful amplifying effect which

might increase by tenfold the chances of an individual succumbing to a mosquito borne infection including zero car and therefore that might be an important consideration when working out whether these vaccines ago to work absolutely here and there are many other considerations for humans as well including the potential role of antibodies against other related viruses such as dengue and whether or not those anti bodies might impact the ability of the vaccine to raise immune responses or to protect post gonna ask you that very thing because this is part of a big family of viruses as the cup and they have a lot of similarities they have a lot of differences but if you take one of those other viruses like dengue which is very common will be lots of people in the population who have already been infected with that have you tried testing mice that have had pre exposure to dengue to see if they can mount a response against seeker and also is

there not a danger that if they have had exposure to other members of this family before they might mount a dangerous response again sure vaccine those are very important questions and we are exploring those currently as we speak we don't yet have any results to report those experiments but we hope to do so soon one of the things that's got people really quite worried about seeker was its threat to unborn infant's and the congenital abnormalities prince's micro carefully that can ensue have you tried the vaccinating nice that you them made pregnant to see if you could protect the again every the question can we of those studies are ongoing as we speak at the moment we don't know the history that but we intend to obtain the answer in the near future and we wish him luck moving that into human trials standard they're talking about the work is published this week in the journal nature also the sweetness as juno spacecraft has