

**NUS Graduate School for Integrative Sciences and Engineering
Research Project Write-up**

Title of Project : Gene-environment interaction of diabetes mellitus

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Short Description

There is a high prevalence of Diabetes mellitus in Singapore. In 2004, the national mortality rate attributed to Diabetes mellitus is 8.2%. However very little is known of the risk factors and mortality associated with Diabetes mellitus.

This lacuna of knowledge and information is more challenging to understand and solve given the multi-ethnic composition of the population of Singapore and that Singapore has progressed to be a developed society from its developing society status within the past four decades. Thus the focus of research is to identify and ascertain the gene-environment interaction of diabetes mellitus and its complications.