Risk factors and biomarkers of major cancers in Singapore

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Project Description:

Cancer is the leading cause of death in Singapore, accounting for nearly one third of the total number of deaths in 2014. The risk factors for cancer are diverse, including genetics, the environment, lifestyle and other complex interactions. Biomarkers are molecular substances that can be measured in human blood, urine, saliva and tissues. They can be useful for screening and diagnostic purposes when they are correlated with disease or are located on the molecular pathway. The associations between various risk factors and biomarkers with major cancers will be evaluated by utilizing epidemiologic studies in Singapore.