

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

**Title of Project :** Molecular biology of human leukaemias

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**Short Description**

Our research lies at the intersection of several fields of research within molecular and cell biology. At its heart, our work is centered on understanding how molecular events in blast phase (BP) chronic myelogenous leukaemia (CML) lead to cellular transformation. Our studies will also explore mechanisms of drug-resistance in CML, stem cell biology, and drug-targeting strategies. This work is highly translational in nature, and we are hopeful that our findings will provide novel ways with which to combat CML in the clinic.