

<b>Project title</b>	<b>Analysis of a new ultra-sensitive world-first blood test developed in WA to assist treatment decisions in chronic lymphocytic leukaemia</b>
Recipient	Mr Jason Stanley
Institution	The University of Western Australia
Research description	<p>Chronic Lymphocytic Leukaemia (CLL) is the most common blood cancer in the western world. A type of CLL characterised by a deletion in part of chromosome 17 (del(17p)) is associated with early death in people with CLL and a specific treatment is required to treat this variant of the disease. Current testing of CLL using a method called interphase fluorescence in situ hybridisation (FISH) is a timeconsuming and relatively insensitive screening method. To improve screening of CLL, Prof Erber and Dr Fuller have developed a world-first automated FISH method called "immuno-flowFISH".</p> <p>This study aims to test the effectiveness of immuno-flowFISH to current screening method in detection of CLL with del(17p). This will be done by screening of del(17p) in Leukaemia cells from people with CLL using immuno-flowFISH and comparing it to interphase FISH.</p> <p>If successful, this project will provide essential data for the diagnostic application of immuno-flowFISH to diagnose CLL del17p.</p>
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