

# The Hunter Haematology Research Group

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## Research Interests

The Hunter Haematology Research Group performs laboratory based research into the causes and treatment of haematological malignancies and thrombotic disorders. The group works closely with clinicians and data managers in order to conduct most of their studies on actual patient samples. The group is actively involved in trials run through the Australian Leukaemia and Lymphoma group, forming part of the network of laboratory support that is vital to the success of clinical trials.

## Current Projects

- Mechanisms of drug resistance in APLM
- Overcoming radiation resistance in melanoma
- Epigenetics of atherothrombotic disease
- Mechanisms of snakebite coagulopathy
- Microparticles as predictors of bleeding and/or thrombosis
- Investigating a novel target on the surface of leukaemia cells

## Recent Publications

Lincz L F, Crooks R L, Way S, Granter N, Spencer A (2001) Tumour kinetics in multiple myeloma before, during, and after treatment. *Leukaemia & Lymphoma* 40:373-384.

Lincz LF, Yeh T-X and Spencer, A. (2001) Variations in trail-induced apoptosis of primary multiple myeloma tumour cells are not related to trail-receptor expression or prior chemotherapy. *Leukemia* 15;1650-1657

Kerridge I, Lincz LF, Scorgie FE, Granter N, Hickey D, Enno A, Spencer A (2002). Xenobiotic enzyme polymorphisms and lymphoma susceptibility *Br. J. Haematol* 118;477-481.

Sakoff, JA, De Waal E, Garg M, Denham J, Scorgie FE, Enno A, Lincz LF, Ackland SP (2002) Telomere length in haematopoietic stem cells can be determined from that of mononuclear blood cells or whole blood. *Leukemia & Lymphoma* 43(10)2017-2020

Lincz, LF, Scorgie FE, Kerridge I, Potts R, Spencer A, Enno A (2003). Methionine synthase genetic polymorphism MS A2756G alters susceptibility to Follicular but not Diffuse Large B-Cell Non-Hodgkin's Lymphoma or Multiple Myeloma. *Br. J. Haematol* 120;1051-1054

Lincz LF, Kerridge I, Scorgie FE, Bailey M, Enno A, Spencer A (2004) Xenobiotic gene polymorphisms and increased risk of multiple myeloma *Haematologica* 89 (5): 628-629

Lincz LF, Scorgie FE, Sakoff JA, Fagan KA, Ackland SP, Enno A (2004) Telomere length predicts neutrophil recovery in the absence of GCSF after autologous peripheral blood stem cell transplantation. *Bone Marrow Transplantation* 34(5):439-45

Lincz LF, Fiona E Scorgie, Richard Robertson, Arno Enno (2006) Genetic variations in benzene metabolism and susceptibility to Multiple Myeloma. *Leukemia Research* (In press)