

CURRICULUM VITAE

Name Associate Professor David Michael **GROTH**
Address School of Biomedical Sciences, Curtin University GPO Box
U1987 Perth Australia 6845

Undergraduate Qualifications:

BSc (2A honours) (U West Aust) 1982

Post Graduate Qualifications:

Post grad Dip MT (WAIT) 1984

MAppSci (Curtin University) 1985 Thesis titled "Comparative Study of the Complement System"

PhD (U West Aust) 1994 Thesis titled "Immunogenetics of Complement Component C4"

Postgraduate Students supervised: 14 PhD and 2 Masters.

Service:

Membership of 8 committees, 7 external to the University. Board membership of one Australian charity.

Professional Societies:

Membership to 7 professional societies.

Publications:

36 Publications, 1 patent

Recent Publications:

28. Qin, J., Mamotte, C., Cockett, N.E., Wetherall, J.D. and Groth, D.M. (2008) A map of the class III region of the sheep major histocompatibility complex. BMC Genomics 9:409.

29. Groth, D.M., Lim, F., de Lestag, S.N., Beale, N. and Melville-Smith, R.(2009). Characterisation of polymorphic microsatellite loci in the western rock lobster (*Panulirus Cygnus*). Conservation Genetic Resources 1, 163-166 DOI 10.1007/s12686-009-9039-2

30. Hardesty, B.D., Groth, D., Metcalfe, S.S. Joseph, L., Latch, P. and Westcott, D.A. (2009). Characterization of variable microsatellite loci for the endangered Cassowary (*Casuaris casuaris*). Molecular Ecology Resources, 9, 1375-1429

31. Munyard, K.A., Ledger, J.M., Lee, C.Y., Babra, C. and Groth, D.M. (2009). Characterisation and multiplex genotyping of alpaca tetranucleotide microsatellite markers. *Small Ruminant Research.*, 85, 153-156.
32. Harris, R.P., Groth, D.M., Ledger, J. and Lee, C.Y. (2009). Identification of sex specific DNA regions in the snake genome using a subtractive hybridisation technique. *Proc. Assoc. Advmt. Anim. Breed. Genet.* 18:572-575
33. Munyard, K.A., Ledger, J.M., Lee, C.Y., Babra, C. and Groth, D.M. (2009) Isolation and characterization of alpaca tetranucleotide microsatellite markers. *Proc. Assoc. Advmt. Anim. Breed. Genet.* 18:620-623
34. Krishnaswamy, S., Verdile, G., Groth, D., Kanyenda, L. and martins R.N. (2009). The structure and function of Alzheimer's gamma secretase enzyme complex. *Crit. Rev. Clinical. Lab Sci.*, 46, 282-301.
35. Castalanelli, M.A, Severtson D.L, Brumley, C.J., Szito, A, Footit, R.G., Grimm, M., Munyard, K. and Groth, D.M. (2010). A rapid non-destructive DNA extraction method for insects and other arthropods. *J. Asia Pacific Entomology*, In Press doi:10.1016/j.aspen.2010.04.003
36. Subramaniam, N., Morgan, E.F., Lee, C.Y., Wetherall, J.D., Groth, D.M. (2010). Polymorphism of sheep MHC Class IIb gene TAPASIN In press, *J vet Immunol. Immunopathol.* doi:10.1016/j.vetimm.2010.04.018
37. Kennington, W.J., Levy, E., Berry, O., Groth, D.M., Waite, A.M., Johnson, M.S. and Mellville-Smith, R. (2010). Characterization of 18 polymorphic microsatellite loci for the western rock lobster *Panulirus Cygnus*. *Accepted for Publication*, *Molecular Ecology Resources*.