



Professor Hamish Scott

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Professor Hamish Scott did his PhD (1992) and first post-doc at the Women's and Children's Hospital and the University of Adelaide. During these 7 years he led the discovery of 3 human disease genes. He subsequently moved (1995) to the Division of Medical Genetics at the University of Geneva Medical School in Switzerland, accepting a faculty position in 1997, to work on the genetics and genomics of diseases that mapped to human chromosome 21, and Down syndrome. He led international collaborations in the positional cloning of human genes causing deafness (TMPRSS3) and autoimmunity (AIRE) and began to focus on the role of transcription factors (TFs) and transcriptional regulation in disease. Relocating to the Walter and Eliza Hall Institute of Medical Research (WEHI) in Melbourne in 2000, his laboratory has identified 2 additional deafness genes (TMPRSS1 & 5) and characterized the role of Dnmt3L in epigenetic genomic reprogramming. He has also identified novel mechanisms of RUNX1 mutations in familial predisposition to leukaemia. His laboratory focuses on the application of genetic and genomic technologies to the study of transcriptional mechanisms and molecular pathogenesis in autoimmunity and haematological malignancies. From January 2008 he will be Deputy Head of the Division of Molecular Pathology at the Institute of Medical and Veterinary Science (IMVS), a member of the Hanson Institute and is an Affiliate Professor in the School of Medicine at the University of Adelaide