Projects beginning in 2009

2009/001

Epidemiology and genetic epidemiology of obstructive sleep apnoea

Aims

1. To investigate the association of demographic, socio-economic and environmental factors with susceptibility to Obstructive Sleep Apnea using a case-control design based upon the WASHS and BSN cohorts.
2. To investigate the association of SNPs genotyped in the context both of genome-wide association studies and studies of candidate genes with susceptibility to Obstructive Sleep Apnea using a case-control design based upon the WASHS and BSN cohorts.

Investigators

- Professor Lyle Palmer  Centre for Genetic Epidemiology & Biostatistics, UWA
- Dr Sutapa Mukherjee - WA Sleep Disorders Research Institute and Sir Charles Gairdner Hospital
- A/Professor Alan James - WA Sleep Disorders Research Institute and Sir Charles Gairdner Hospital
- Clin Prof David Hillman WA Sleep Disorders Research Institute and Sir Charles Gairdner Hospital
- Professor Bill Musk  Sir Charles Gairdner Hospital
- A/Professor John Beilby PathWest
- A/Professor Joe Hung Department of Cardiology, Sir Charles Gairdner Hospital
- Dr Michael Hunter – Busselton Health Study Coordinator, Busselton

Project status

In progress

2009/002

Genetic factors associated with cutaneous malignant melanoma susceptibility

Aims

1. To perform GWAS on pooled DNA from melanoma cases and pooled DNA from general population controls, to investigate genetic determinants of melanoma susceptibility
2. To conduct candidate gene analyses on genes of interest resulting from Aim 1

**Investigators**

- Professor Lyle Palmer, Centre for Genetic Epidemiology & Biostatistics, UWA
- Dr Stuart Macgregor, Queensland Institute of Medical Research
- Dr Grant Montgomery, Queensland Institute of Medical Research
- Gemma Cadby, Centre for Genetic Epidemiology & Biostatistics, UWA
- Sarah Ward, Centre for Genetic Epidemiology & Biostatistics, UWA

**Project status**

In progress