

Foundations for Precision Medicine



WHAT: Foundation for Precision medicine - harnessing the genomic revolution to empower informed health decisions

WHERE: Centre of Proteomic and Genomics Research, Observatory

WHEN: 16th March 2017

Contact: linda.dewaal@cpgr.org.za

Number: 10 participants per course

Workshop Program

Morning - Genomics

- 09h00 Current status of precision medicine (Dr Reinhard Hiller)
- 09h30 DNA, genes, genomes, chromosomes and cells (Dr Shane Murray)
- 10h00 Genetic disease: who can benefit from new technologies (Mrs Alina Esterhuizen)
- 10h45 Genetic counselling: Ethical, legal & social considerations (Mrs G Dusterwald)
- **TEA**
- 11h45 Array based Diagnostic tools for genetic diseases – (Mrs Jo McBride)
- 12h15 Next generation Sequencing - What is available. (Dr Nicki Adams)
- **12h45 Lab tour/Lunch**

Afternoon – Practical applications

- 13h45 Pre/postnatal - reports, benefits ease of use. (Dr C Turner-Babb)
- 14h15 Oncology panels and tumour profiling (Dr C Turner-Babb)
- 15h00 Discussions and wrap-up