

**SHORT COURSE/WORKSHOP: INTRODUCTION TO LINKAGE AND ASSOCIATION  
ANALYSIS OF DISEASE AND QUANTITATIVE TRAITS**

**PROGRAM**

**D Floor Seminar Room, QIMR, Royal Brisbane Hospital, Herston Road.**

*Monday August 27<sup>th</sup> (pm) to Wednesday August 29<sup>th</sup> 2007*

<i>Date</i>	<i>Time</i>	<i>Topic &amp; Faculty</i>	<i>Practical &amp; computing package</i>
Monday 27 <sup>th</sup> pm	1.00-1.20	Welcome & Introduction ( <i>PM Visscher</i> )	
	1.20-2.30	Linkage analysis of binary (disease) traits ( <i>DL Duffy</i> ) (total time 2.20)	Linkage analysis of eye colour (Merlin)
	2.30-2.50	Tea break	
	2.50-4.00	Linkage analysis of binary (disease) traits ( <i>DL Duffy</i> )	Linkage analysis of eye colour (Merlin)
	4.00-5.00	Linkage analysis of quantitative traits ( <i>DL Duffy</i> ) (total time 2.20)	Plasma ACE levels in multiple data sets (Merlin)
Tuesday 28 <sup>th</sup> am	9.30-10.50	Linkage analysis of quantitative traits ( <i>DL Duffy</i> )	Plasma ACE levels in multiple data sets (Merlin)
	10.50-11.10	Tea break	
	11.10-12.10	HapMap and bioinformatics analyses ( <i>D Nyholt</i> ) (total time 1.00)	HapMap, Ensembl (internet)
	12.10-1.00	Lunch break	
Tuesday 29 <sup>th</sup> pm	1.00-2.20	Association analysis for disease: case-control studies ( <i>NR Wray</i> ) (total time 1.20)	Excel
	2.20-3.20	Whole genome association analysis ( <i>S Macgregor</i> )	Parkinson's disease (PLINK)
	3.20-3.40	Tea break	
	3.40-5.00	Whole genome association analysis ( <i>S Macgregor</i> ) (total time 2.20)	Parkinson's disease (PLINK)
Wednes day 30 <sup>th</sup> am	9.30-10.50	Association analysis for quantitative traits ( <i>AF McRae</i> ) (total time 2.20)	Plasma ACE levels (QTDT)
	10.50-11.10	Tea break	
	11.10-12.10	Association analysis for quantitative traits ( <i>AF McRae</i> )	Plasma ACE levels (QTDT)

Genemappers starts at 1pm at Royal on the Park on Wednesday 30<sup>th</sup>.