

Genomic Epidemiology in Africa, Durban 2015.

List of Lectures and practicals. The lectures and practicals are presented in their respective prders during the course interweaved with each other.

The colours represent the colours used in the next slide.

ORDER	Lectures	Instructor
1	Introduction to epidemiology	Adebowale Adeyemo
2	Introduction to genetic association studies in Africa	Kirk Rockett
3	Population genetics	Gavin Band
4	Public resources	Luke Jostins
5	Introduction to PCA	Gavin Band
6	Preparing data for GWAS analysis	Tommy Carstensen
7	Sequencing	Luke Jostins
8	GWAS consortia and meta-analysis	Geraldine Clarke
	Practicals	Lead Instructor(s)
1	Computer orientation	Gavin Band
2	Intro to R	Gavin Band and Geraldine Clarke
3	Validity in epidemiological research	Adebowale Adeyemo
4	MalariaGEN practical in R	Geraldine Clarke
5	Public resources	Luke Jostins
6	Population genetics	Tommy Carstensen
7	GWAS practical (part 1): QC and association analysis	Luke Jostins and Gavin Band
8	Sequencing Practical	Luke Jostins
9	GWAS practical (part 2): Interpretation of results and population structure	Luke Jostins and Gavin Band
10	Power and meta-analysis	Geraldine Clarke

