

Schedule

Date	Time	Content	Speaker/Instructor	Location
Saturday 10/04/2004	18.00	Welcome Reception for Workshop Faculty and Fellows	Dr K McElreavey, Prof A Bittles and Prof W Wang	Jing Ming Da Hotel Restaurant
Sunday 11/04/2004	10.00-13.00	Lectures Chair: Prof W Wang (Shenzhen) <i>The genetic structure of human populations</i>	Dr M Seielstad (Singapore)	Jing Ming Da Hotel, 12 th Floor
	10.15			
	11.00	Refreshments		
	11.30	<i>Genetic and genomic variation on the Indian subcontinent</i>	Prof D Kumar (Oxford)	
	12.15	<i>The impact of genetic disease in high and low income countries</i>	Prof A Bittles (Perth)	
	13.00-14.15	Lunch		
	14.15	<i>HLA, the gateway to immune response</i>	Prof RM Pitchappan (Madurai)	
15.15	<i>Genetics of diabetes</i>	Dr P Avner (Paris)		
16.15	Refreshments			
16.45	Close			
Monday 12/04/2004	09.00-12.45	Lectures Chair: Prof M Patton (London) <i>A global profile of genetic disease</i>	Prof M Patton (London)	Jing Ming Da Hotel, 12 th Floor
	09.00			
	09.15	<i>Pathophysiological changes in thalassaemia</i>	Prof S Fucharoen (Bangkok)	
	10.15	<i>Genetic susceptibility to infectious diseases</i>	Prof RM Pitchappan (Madurai)	
	11.15	Refreshments		
	11.45	<i>Neonatal mouse testis grafts in athymic nude mice</i>	Dr J Yu (Shenzhen)	
	12.45-14.00	Lunch		
14.00-17.30	Lectures Chair: Prof A Bittles (Perth) <i>Genes for deafness</i>	Prof M Patton (London)		
14.00		Assoc Prof E Edkins (Perth)		
14.45	<i>Inherited human cancers</i>			
15.30	Refreshments			
16.00	<i>The genetics of cardiovascular disease in childhood</i>	Prof D Kumar (Oxford)		
16.45	<i>Genetic determinants of reproductive success and failure</i>	Dr K McElreavey (Paris)		
17.30	Close			

Tuesday 13/04/2004	09.00-12.15	Lectures Chair: Dr B Lakowski (Paris)		Jing Ming Da Hotel, 12 th Floor
	09.00	<i>Epigenetics and disease</i>	Dr P Avner (Paris)	
	10.00	<i>Genetic disorders of the Indian Subcontinent</i>	Prof D Kumar (Oxford)	
	11.00	Refreshments		
	11.30	<i>The genetics of cardiovascular disease in adulthood</i>	Dr A Saggar (London)	
	12.15-13.45	Lunch		
	13.45-17.30	Lectures Chair: Dr K M ^o Elreavey (Paris)		
	13.45	<i>Fragile X syndrome and its laboratory diagnosis</i>	A/Prof E Edkins (Perth) Dr B Lakowski (Paris)	
	14.30	<i>Genetics and ageing</i>		
	15.30	Refreshments		
	16.00	<i>Intellectual disability and the challenge of increasing life expectancy</i>	Prof A Bittles (Perth)	
	16.30	<i>Screening of high-risk neonates for IEM in India by GC/MS</i>	Dr U Dave (Mumbai)	
	16.45	<i>Insurance issues and health care</i>	Prof M Patton (London)	
	17.15	<i>Dysmorphology in Turkey</i>	Dr N Eçioğlu (Istanbul)	
	17.30	Close		
Wednesday 14/04/2004	09.00-12.45	Lectures Chair: Assoc Prof E Edkins (Perth)		Peking University Shenzhen Hospital, 7 th Floor Meeting Room
	09.00	<i>Methods of genetic analysis</i>	A/Prof E Edkins (Perth)	
	09.15	<i>PCR, restriction enzymes and DNA sequencing</i>	Dr C Wise (Perth)	
	10.15	<i>Newer methods of mutation detection</i>	A/Prof E Edkins (Perth)	
	11.15	Refreshments		
	11.45	<i>Gene expression analysis: the example of β-thalassaemia</i>	Dr J Ho (Sydney)	
	12.45-14.00	Lunch		
	14.00-17.30	Practical: <i>DNA extraction, standard PCR (Y-chr SNP & CF mutations) and real-time PCR</i>	Dr C Wise, A/Prof E Edkins, Ms S Sullivan, Mr M Black, Dr W Lan	Central Lab 2
Thursday 15/04/2004	09.00-10.30	Lecture: <i>New light on SNP detection Pyrosequencing's application in SNP detection</i>	Dr X Wang (Gene Company, Shanghai)	Computing Lab
	10.30-12.45	Practical: <i>Agarose gel electrophoresis to check Wednesday's standard PCRs</i>	Dr C Wise, Ms S Sullivan	Central Lab 2
		Discussion: <i>Real-time results and other mutation detection methods</i>	A/Prof E Edkins	
	12.45-14.00	Lunch		
	14.30-17.00	Tutorial: <i>Pedigree and linkage analysis</i>	D JJ Liu (Singapore)	7 th Floor Meeting Room
	17.00-18.15	Film: <i>Journey of Man</i>	Prof RM. Pitachappan (Madurai)	

Friday 16/04/2004	09.00-12.45	Practical: <i>SNP detection: DNA restriction digests of PCR products; Allele-specific PCR by real-time DNA</i>	Dr C Wise, A/Prof E Edkins, Ms S Sullivan	Central Lab 2	
	12.45-14.00	Lunch			
	14.00-17.30	Practical: <i>Analysis of restriction digests by agarose gel electrophoresis</i> Tutorial: <i>Sequence-specific (SSP) HLA typing</i> Demonstration: <i>Bio-chip techniques</i>	Dr C Wise, A/Prof E Edkins, Ms S Sullivan Prof RM Pitchappan Dr L Zhang (Decipher Bioscience, Shenzhen)		
Saturday 17/04/2004	09.00-12.30	Lectures	Prof S Fucharoen (Bangkok) Dr B Lakowski (Paris) Dr A Saggar (London)	7 th Floor Meeting Room	
	09.00	<i>Genotype-phenotype interactions in thalassaemia</i>			
	10.00	<i>Animal models of genetic disease</i>			
	11.00	Refreshments			
	11.30	<i>Polycystic kidney disease</i>			
12.30-14.00	Lunch				
14.00	Excursion				
Sunday 18/04/2004	Free Day				
Monday 19/04/2004	09.00-17.00	Practical: <i>DNA sequencing - cleaning PCR products, setting up sequencing reactions</i>	Dr C Wise, Ms S Sullivan	Shenzhen Tai-Tai Pharmaceutical Company Ltd	
	10.15	Lecture: <i>Genetic medicine</i>	Dr S Chong (Singapore)		
	12.45-14.00	Lunch			
	14.00-17.00	Practical: <i>DNA sequencing - cleaning sequencing reaction products, pouring and loading gels</i> Discussion: <i>Genotyping, identification in disputed paternity identification</i>	Dr C Wise, Ms S Sullivan Dr JC Lin (Tai-Tai) Dr B McDonald		
Tuesday 20/04/2004	09.00-12.45	Tutorial: <i>Epidemiological data collection</i>	Ms S Sullivan	Computing lab	
	12.45-14.00	Lunch			
	14.00-17.00	Tutorial: <i>Analysis and presentation of human population genetic data</i>	Mr M Black, Dr C Wise		

Wednesday 21/04/2004	09.00-17.00	Lectures Chair: Prof Wei Wang (Beijing/Shenzhen) <i>Introduction: Community Genetics in Asia</i> <i>Patterns of endogamy and consanguinity in India</i> <i>Y-chromosome and mtDNA diversity in Asia</i>	Prof W Wang (Beijing/Shenzhen) Prof M Reddy (Kolkata) Dr K McElreavey (Paris)	7 th Floor Meeting Room
	09.00			
	09.15			
	10.15			
	11.00	Refreshments		
	11.30	<i>The genetics of Chinese minority populations</i>	Prof W Wang (Beijing/Shenzhen) and Mr M Black (Perth)	
	12.00	<i>Recent advances in DNA identification techniques</i>	Dr D Reeder (Foster City, CA)	
	12.30	<i>β-thalassaemia mutations in the population of Punjab, India</i>	Dr R Das (Chandigarh)	
	12.45-14.00	Lunch		
	14.00-17.00	Lectures Chair: Dr K M ^c Elreavey (Paris) <i>The Expert Defence Witness in Forensic Genetics</i> <i>Pregnancy rates in patients undergoing in vitro fertilization</i>	Dr B McDonald (Sydney) Dr L Rong (Shenzhen)	
14.00				
15.00				
15.30	Refreshments			
16.00	<i>Rapid analysis of prenatal chromosomal abnormalities by DNA testing</i>	Dr B M ^c Donald (Sydney)		
16.30	<i>Genetic counselling: can one size fit all?</i>	Prof A Bittles (Perth)		
17.00	Close			
Thursday 22/04/2004	09.00-17.00	Lectures Chair: Prof A Bittles (Perth) <i>Genetics and malaria resistance</i> <i>Anomalies of sexual development</i>	Dr E Ma (Hong Kong) Dr K M ^c Elreavey (Paris)	7 th Floor Meeting Room
	09.00			
	10.00			
	11.00	Refreshments		
	11.30	<i>Forensic and ethical issues of DNA profiling</i>	Dr B McDonald (Sydney)	
	12.00	<i>Data registers and data linkage in genetic disease</i>	Ms S Sullivan (Perth)	
	12.30	<i>Biopharmaceutical economy in Shenzhen</i>	Mr JP Zhu (Director of Foreign Collaboration, Shenzhen Govt)	
	13.00-14.00	Lunch		
14.00-15.00	Discussion of the workshop and presentation of certificates	All		
15.00	Close			