

Genetics and Population Health - Conference Programme

Saturday 07.08.04	
05.00-07.00 pm	Conference Registration
05.30-07.30 pm	<i>Conference Welcome Reception, The Esplanade Hotel Fremantle</i>
Sunday 08.08.04	Haemoglobinopathies as a paradigm of genetic disease
08.00-09.00 am	Conference Registration
09.00-09.30 am	Conference Inauguration O1. Prof. G. Sutherland AC, FNAAS, FRS, Adelaide <i>The Human Genome Project and population health</i>
Session 1	A profile of haemoglobin disorders Chair: Dr. W. Erber, Perth
09.30-10.10 am	O2. Prof. Sir D. Weatherall FRS, Oxford <i>The global problem of genetic disease</i>
10.10-10.40 am	O3. Dr. D. Chui, Boston <i>Alpha-haemoglobinopathies</i>
10.40-11.10 am	O4. Prof. L.C. Chan, Hong Kong <i>HbH disease: time to screen?</i>
11.10-11.40 am	<i>Refreshments</i>
Session 2	Genetic prediction of clinical severity of haemoglobin disorders Chair: Dr. N. Olivieri, Toronto
11.40-12.10 pm	O5. Dr. J. Ho, Sydney <i>Genotype-phenotype relationships in thalassaemia: predicting clinical severity by molecular testing</i>
12.10-12.40 pm	O6. Prof. S. Fucharoen, Bangkok <i>Thalassaemia genotype-phenotype correlations</i>
12.40-01.10 pm	O7. Assoc. Prof. E. Ma, Hong Kong <i>Genetic modifiers of β-thalassaemia phenotype in Chinese patients</i>
01.10-02.10 pm	<i>Lunch</i>
Session 3	Diagnosis, treatment and prevention of haemoglobin disorders I Chair: Dr. J. Porter, London
02.10-02.40 pm	O8. Prof. R. Beal, Adelaide <i>Securing a safe and sufficient blood supply</i>
02.40-03.05 pm	O9. Prof. A.S.M. Sofro, Jakarta <i>Possible role of Blood Transfusion Service doctors in the prevention of thalassaemia, the most common inherited disorder in Indonesia</i>
03.05-3.25pm	O10. Dr. B. Webster, Sydney <i>Major haemoglobinopathies in a children's hospital: a 20 year review</i>
03.30-04.00 pm	<i>Refreshments</i>
Session 4	Diagnosis, treatment and prevention of haemoglobin disorders II Chair: Dr. C. Cole, Perth
04.00-04.25 pm	O11. Prof. E. George, Selangor <i>Alpha-thalassaemia in Malaysia: diagnosis and management</i>
04.25-04.45 pm	O12. Dr. B. Carnley, Perth <i>Prevalence of thalassaemia and haemoglobinopathies in Cambodian children</i>
04.45-05.05 pm	O13. Dr. R.S. Balgir, Bhubaneswar <i>The spectrum of haemoglobinopathies in Central-East India</i>
05.05-05.30 pm	O14. Dr. A. Kahandeliyanage, Colombo <i>Prevention and management of thalassaemia in a low resource setting</i>
05.30-05.55 pm	O15. Prof. D. Mohanty, Mumbai <i>Molecular characterization of G6PD deficiency in India</i>
07.00-09.00 pm	<i>Reception in the Maritime Museum</i>

Monday, 09.08.04	Human genetic variation and its disease implications
Session 5	Determinants and parameters of human genetic variation Chair: Prof. D. Croke, Dublin
09.00-09.40 am	O16. Prof. M. Feldman, Stanford <i>Race, genetics and medicine: the role of genetic studies of population</i>
09.40-10.10 am	O17. Dr. K. McElreavey, Paris <i>Uniparental markers, human migrations and histories</i>
10.10-10.40 am	O18. Dr. R. Hussain, Armidale <i>The effect of religious, cultural and social identity on population genetics</i>
10.40-11.10 am	<i>Refreshments</i>
Session 6	Endogamy, consanguinity and the prevalence of genetic disease Chair: Dr. A. Saggat, London
11.10-11.40 am	O19. Assoc. Prof. M.K. Thong, Kuala Lumpur <i>A population-based study of birth defects in Malaysia</i>
11.40-12.10 pm	O20. Dr. B. Meyer, Riyadh <i>Strategies for the prevention of hereditary diseases in a highly consanguineous population</i>
12.10-12.40 pm	O21. Prof. D. Croke, Dublin <i>Consanguinity and population health among the Irish Travellers</i>
12.40-01.00 pm	O22. Dr. S. Denic, Dubai <i>Genetic benefits of consanguinity: computer simulation of the effect of inbreeding on α-thalassaemia genotype frequencies</i>
01.00-02.10 pm	<i>Lunch</i>
Session 7	Global patterns and prevalence of genetic diseases Chair: Prof. J. Goldblatt, Perth
02.10-02.40 pm	O23. Dr. S. Chong, Singapore <i>New strategies for DNA diagnosis and preimplantation single cell analysis of fragile X mental retardation syndrome</i>
02.40-03.10 pm	O24. Prof. M. Patton, London <i>Genetic studies in the Old Order Amish</i>
03.10-03.30 pm	O25. Dr. R. Guhadasan, Siem Reap <i>Genetic disorders in a paediatric teaching hospital, Cambodia</i>
03.30-04.00 pm	<i>Refreshments</i>
Session 8	Disease associations and future therapies Chair: Assoc. Prof. E. Edkins
04.00-04.20 pm	O26. Assoc. Prof. J. Halliday, Melbourne <i>Beckwith-Wiedeman Syndrome and IVF: a population-based, case-control study</i>
04.20-04.40 pm	O27. Dr. R. Das, Chandigarh <i>Prevalence of genetic risk factors for venous thrombosis in patients with Budd Chiari syndrome and portal vein thrombosis: a study from North India</i>
04.40-05.00 pm	O28. Dr. S. Wilton, Perth <i>Redirecting pre-mRNA splicing with antisense oligonucleotides</i>
05.00-06.30 pm	Poster viewing
07.00-07.30 pm	<i>Pre-dinner drinks and canapés</i>
07.30-10.00 pm	<i>Conference Dinner – The Esplanade Hotel Fremantle</i>

Tuesday, 10.08.04	Meeting Community Needs
Session 9	Community and Public Health Genetics programmes Chair: Dr. M-A. Aitken, Melbourne
08.30-09.00 am	O29. Dr. R. Lester, Melbourne <i>Public health surveillance of genetic disorders</i>
09.00-09.30 am	O30. Dr. P. Corry, Bradford <i>Increased prevalence of non-malignant life threatening conditions in a multi-cultural UK Child Development Centre</i>
09.30-09.50 am	O31. Assoc. Prof. M. Delatycki, Melbourne <i>Implementation of HaemScreen, a workplace-based genetic screening programme for haemochromatosis</i>
09.50-10.10 am	O32. Ms. A.E. Nisselle, Melbourne <i>Educational challenges and outcomes of workplace genetic screening for haemochromatosis</i>
10.10-10.40 am	<i>Refreshments</i>
Session 10	Community involvement in Genetics Support Group programmes Chair: Mrs. D. Petrie, Sydney
10.40-11.00 am	O33. Dr. P. Lund, Coventry <i>Health, education and genetic care of people with oculocutaneous albinism in Venda, South Africa</i>
11.00-11.20 am	O34. Dr. V. Collins, Melbourne <i>17-year trends in the prevalence of Down syndrome and maternal age in Victoria</i>
11.20-11.40 am	O35. Prof. J.R. Singh, Amritsar <i>Genomics and the role of Genetic Support Groups: an international perspective</i>
11.40-12.10 pm	O36. Ms. E. Hughes, Melbourne <i>The role of the Genetic Support Groups in the development of Genetic Services in Victoria</i>
12.10-12.30 pm	O37. Mr. T. Keating, Perth <i>Genetic Support Groups and the developing crisis of care from childhood to late adulthood</i>
12.30-01.40 pm	<i>Lunch</i>
Session 11	Design and implementation of genetic counselling and education programmes Chair: Ms. B. Burgess, Newcastle
01.40-02.10 pm	O38. Ms. G. Karbani, Leeds <i>Vision for the future: development of a universal Regional Screening Service in West Yorkshire</i>
02.10-02.30 pm	O39. Ms. M. Saleh, Sydney <i>Genetics education in a culturally diverse population: lessons learned, future directions</i>
02.30-02.55 pm	O40. Dr. N. Firdous, Male <i>Prevention of thalassaemia and haemoglobinopathies in remote and isolated communities: the Maldives experience</i>
02.55-03.15 pm	O41. Dr. U. Dave, Mumbai <i>A Community Genetics approach to screening for mental retardation in India: a model for developing countries</i>
03.15-03.45 pm	<i>Refreshments</i>
Session 12	Future directions in the provision of Community Care for genetic disorders Chair: Prof. M. Patton, London
03.45-04.15 pm	O42. Dr. P. Mehta, London <i>The London Ideas Translation Project</i>
04.15-04.40 pm	O43. Prof. J. Emery, Cambridge and Perth <i>The GRAIDS Trial: Genetic Risk Assessment on the Internet and Decision Support for primary care</i>
04.40-05.00 pm	O44. Ms. H. Moore, Perth <i>InterRett: the application of bioinformatics to international Rett syndrome research</i>
05.00-05.30 pm	O45. Prof. A. Bittles, Perth <i>Meeting the present and future challenges of genetic disease</i>
05.30 pm	<i>Conference Close</i>