<table>
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<th>Saturday 07.08.04</th>
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<tbody>
<tr>
<td>05.00-07.00 pm</td>
<td>Conference Registration</td>
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<tr>
<td>05.30-07.30 pm</td>
<td>Conference Welcome Reception, The Esplanade Hotel Fremantle</td>
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**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

<table>
<thead>
<tr>
<th>Session 1</th>
<th>A profile of haemoglobin disorders</th>
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</table>
| 09.30-10.10 am | O2. Prof. Sir D. Weatherall FRS, Oxford  
The global problem of genetic disease |
| 10.10-10.40 am | O3. Dr. D. Chui, Boston  
Alpha-haemoglobinopathies |
| 10.40-11.10 am | O4. Prof. L.C. Chan, Hong Kong  
HbH disease: time to screen? |
| 11.10-11.40 am | Refreshments |

**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  
Genotype-phenotype relationships in thalassaemia: predicting clinical severity by molecular testing |
| 12.10-12.40 pm | O6. Prof. S. Fucharoen, Bangkok  
Thalassaemia genotype-phenotype correlations |
| 12.40-01.10 pm | O7. Assoc. Prof. E. Ma, Hong Kong  
Genetic modifiers of β-thalassaemia phenotype in Chinese patients |
| 01.10-02.10 pm | Lunch |

**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  
Securing a safe and sufficient blood supply |
| 02.40-03.05 pm | O9. Prof. A.S.M. Sofro, Jakarta  
Possible role of Blood Transfusion Service doctors in the prevention of thalassaemia, the most common inherited disorder in Indonesia |
| 03.05-3.25pm | O10. Dr. B. Webster, Sydney  
Major haemoglobinopathies in a children’s hospital: a 20 year review |
| 03.30-04.00 pm | Refreshments |

**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  
Alpha-thalassaemia in Malaysia: diagnosis and management |
| 04.25-04.45 pm | O12. Dr. B. Carnley, Perth  
Prevalence of thalassaemia and haemoglobinopathies in Cambodian children |
| 04.45-05.05 pm | O13. Dr. R.S. Balgir, Bhubaneswar  
The spectrum of haemoglobinopathies in Central-East India |
| 05.05–05.30 pm | O14. Dr. A. Kahandeliyanage, Colombo  
Prevention and management of thalassaemia in a low resource setting |
| 05.30-05.55 pm | O15. Prof. D. Mohanty, Mumbai  
Molecular characterization of G6PD deficiency in India |
<p>| 07.00-09.00 pm | Reception in the Maritime Museum |</p>
<table>
<thead>
<tr>
<th>Session 5</th>
<th>Determinants and parameters of human genetic variation</th>
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| 09.00-09.40 am | O16. Prof. M. Feldman, Stanford  
*Race, genetics and medicine: the role of genetic studies of population* |
| 09.40-10.10 am | O17. Dr. K. McElreavey, Paris  
*Uniparental markers, human migrations and histories* |
| 10.10-10.40 am | O18. Dr. R. Hussain, Armidale  
*The effect of religious, cultural and social identity on population genetics* |

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<tr>
<th>Session 6</th>
<th>Endogamy, consanguinity and the prevalence of genetic disease</th>
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*A population-based study of birth defects in Malaysia* |
| 11.40-12.10 pm | O20. Dr. B. Meyer, Riyadh  
*Strategies for the prevention of hereditary diseases in a highly consanguineous population* |
| 12.10-12.40 pm | O21. Prof. D. Croke, Dublin  
*Consanguinity and population health among the Irish Travellers* |
| 12.40-01.00 pm | O22. Dr. S. Denic, Dubai  
*Genetic benefits of consanguinity: computer simulation of the effect of inbreeding on α-thalassaemia genotype frequencies* |

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<tr>
<th>Session 7</th>
<th>Global patterns and prevalence of genetic diseases</th>
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| 02.10-02.40 pm | O23. Dr. S. Chong, Singapore  
*New strategies for DNA diagnosis and preimplantation single cell analysis of fragile X mental retardation syndrome* |
| 02.40-03.10 pm | O24. Prof. M. Patton, London  
*Genetic studies in the Old Order Amish* |
| 03.10-03.30 pm | O25. Dr. R. Guhadasan, Siem Reap  
*Genetic disorders in a paediatric teaching hospital, Cambodia* |

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<tr>
<th>Session 8</th>
<th>Disease associations and future therapies</th>
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| 04.00-04.20 pm | O26. Assoc. Prof. J. Halliday, Melbourne  
*Beckwith-Wiedeman Syndrome and IVF: a population-based, case-control study* |
| 04.20-04.40 pm | O27. Dr. R. Das, Chandigarh  
*Prevalence of genetic risk factors for venous thrombosis in patients with Budd Chiari syndrome and portal vein thrombosis: a study from North India* |
| 04.40-05.00 pm | O28. Dr. S. Wilton, Perth  
*Redirecting pre-mRNA splicing with antisense oligonucleotides* |

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<tr>
<th>05.00-06.30 pm</th>
<th>Poster viewing</th>
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<tr>
<td>07.00-07.30 pm</td>
<td><em>Pre-dinner drinks and canapés</em></td>
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<tr>
<td>07.30-10.00 pm</td>
<td><em>Conference Dinner – The Esplanade Hotel Fremantle</em></td>
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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
Public health surveillance of genetic disorders

09.00-09.30 am
O30. Dr. P. Corry, Bradford
Increased prevalence of non-malignant life threatening conditions in a multi-cultural UK Child Development Centre

09.30-09.50 am
O31. Assoc. Prof. M. Delatycki, Melbourne
Implementation of HaemScreen, a workplace-based genetic screening programme for haemochromatosis

09.50-10.10 am
O32. Ms. A.E. Nisselle, Melbourne
Educational challenges and outcomes of workplace genetic screening for haemochromatosis

10.10-10.40 am
Refreshments

Session 10
Community involvement in Genetics Support Group programmes
Chair: Mrs. D. Petrie, Sydney

10.40-11.00 am
O33. Dr. P. Lund, Coventry
Health, education and genetic care of people with oculocutaneous albinism in Venda, South Africa

11.00-11.20 am
O34. Dr. V. Collins, Melbourne
17-year trends in the prevalence of Down syndrome and maternal age in Victoria

11.20-11.40 am
O35. Prof. J.R. Singh, Amritsar
Genomics and the role of Genetic Support Groups: an international perspective

11.40-12.10 pm
O36. Ms. E. Hughes, Melbourne
The role of the Genetic Support Groups in the development of Genetic Services in Victoria

12.10-12.30 pm
O37. Mr. T. Keating, Perth
Genetic Support Groups and the developing crisis of care from childhood to late adulthood

12.30-01.40 pm
Lunch

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
Vision for the future: development of a universal Regional Screening Service in West Yorkshire

02.10-02.30 pm
Genetics education in a culturally diverse population: lessons learned, future directions

02.30-02.55 pm
O40. Dr. N. Firdous, Male
Prevention of thalassaemia and haemoglobinopathies in remote and isolated communities: the Maldives experience

02.55-03.15 pm
O41. Dr. U. Dave, Mumbai
A Community Genetics approach to screening for mental retardation in India: a model for developing countries

03.15-03.45 pm
Refreshments

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
The London Ideas Translation Project

04.15-04.40 pm
O43. Prof. J. Emery, Cambridge and Perth
The GRAIDS Trial: Genetic Risk Assessment on the Internet and Decision Support for primary care

04.40-05.00 pm
O44. Ms. H. Moore, Perth
InterRett: the application of bioinformatics to international Rett syndrome research

05.00-05.30 pm
O45. Prof. A. Bittles, Perth
Meeting the present and future challenges of genetic disease

05.30 pm
Conference Close