

International Conference on Medical & Community Genetics

Theme: Current issues in Diagnosis, Management,
Genetic Counselling & Population Diversity

February 15th-17th, 2008

CME ON THE THALASSAEMIA SYNDROMES

February 17th, 2008

Venue: Bhargava Auditorium

Organized by

Department of Haematology

Postgraduate Institute of Medical Education & Research

Chandigarh- 160 012 (India)

TENTATIVE PROGRAMME

Day One: 15th February, 2008

Registration	8.00 am onwards
Inauguration	9.00 am – 10.00 am
Tea Break	10.00 am – 10.30 am

Scientific Sessions

Session- I: 10.30 am - 11.45 am

10.30 am - 11.15 am: **Keynote Speaker:**

Prof. Alan Bittles (Perth, Australia)
The Brave New World of Medical Genetics

11.15 am - 11.45 am Prof. I. C. Verma (New Delhi, India)
Challenges & opportunities in genetic disorders in India

Session- II: 11.45 am- 1.05 pm

11.45 am - 12.15 pm Prof. Michael Patton (London, UK)
Is murder genetic?

12.15 pm - 12.40 pm Dr Madhulika Kabra (New Delhi, India)
Challenges of Medical Ethics in genetic disorders

12.40 pm - 1.05 pm Prof. Shubha Phadke (Lucknow, India)
Genetic counselling

1.05 pm - 2.00 pm **Lunch and Poster Viewing**

Session- III: 2.15 p.m.- 3.30 pm

2.00 pm - 2.25 pm Prof. N. K. Mehra (New Delhi, India)
Predictive cytokine polymorphic genes in organ & BM transplantation

2.25 am - 2.50 pm Dr Swapan Nath (Oklahoma, USA)
Positional identification of a Lupus susceptibility gene

2.50 pm - 3.15 pm Dr Rama Mittal (Lucknow, India)
Association study of pro/anti Inflammatory Cytokine genes
polymorphism with allograft rejection risk in renal Tx patients

3.15 pm - 3.40 pm Dr G. R. Chandak (Hyderabad, India)
Unraveling the etiopathogenesis of chronic pancreatitis In India

3.40 pm -4.00 pm **Tea Break**

Session- IV: 4.00 pm – 5.00 pm

4.00 p.m.- 4.30 pm Dr Ken McElreavey (Paris, France)
Genetics of the human Y chromosome

4.30 pm -5.00 pm Prof. Wei Wang (Beijing, China)
Population diversity and health in China

5.30 pm - 7.00 pm **Presentations and Evaluation of Posters**

Day Two: 16th February, 2008

- Session- V:** 9.00 am – 10.45 am
- 9.00 am - 9.30 am Dr Samuel S Chong (Singapore)
Preimplantation genetic diagnosis and screening
– relevance to Paediatrics and Obstetrics and Gynaecology
- 9.30 am - 9.55 am Dr Urvashi Trehan (USA)
Introducing new platforms for newborn screening of genetic diseases
- 9.55 am - 10.15 am Dr Usha Dave: (Mumbai, India)
Newborn screening for IEM disorders
- 10.15 am-10.30 am **Tea Break**
- Session- VI:** 10.30 am – 1.00 pm
- 10.30 am - 11.00 am Dr Radhakrishna Uppala (Geneva, Switzerland)
Molecular genetic analysis of congenital limb anomalies
- 11.00 am - 11.30 am Dr Anand Saggar (London, UK)
Polycystic kidney diseases- from disease to gene and back
- 11.30 am - 11.50 am Dr Dhananjaya Saranath (Mumbai, India)
Clinical Implications of Molecular Genetic Diagnostics
- 11.50 am - 12.10 pm Dr Madhu Khullar (Chandigarh, India)
Molecular Genetics of Non Syndromic Hearing Loss
- 12.10 pm - 12.30 pm Dr Ken McElreavey (Paris, France)
Genetics of human sex determination and differentiation
- 12.30 pm - 12.50 pm Dr Jayesh Seth (Ahmedabad, India)
Lysosomal storage disorders in India: Present Scenario.
- 12.50 pm - 1.10 pm Dr Rajendra Prasad (Chandigarh, India)
Molecular genetics of Wilson's disease
- 1.10 pm – 2.00 pm **Lunch and Poster Viewing**
- Session- VII:** 2.00 pm – 3.40 pm
- 2.00 pm – 2.25 pm Dr Kanjaksha Ghosh (Mumbai, India)
Genetics and therapy of Haemophilia in Developing Countries
- 2.25 pm – 2.50 pm Dr Renu Saxena (New Delhi, India)
Rare bleeding disorders
- 2.50 pm – 3.15 pm Dr Subhash Varma (Chandigarh, India)
Clinician's approach to prothrombotic disorders
- 3.15 pm – 3.40 pm Dr Amar Dasgupta (Mumbai, India)
Issues in the Diagnosis of Thrombophilic Disorders
- 3.40 pm - 4.00 pm **Tea Break**
- Session- IX:** 4.00 pm – 5.30 pm
- 4.00 pm - 4.15 pm Dr Vijay P. S. Rawat (Munich, Germany)
Deregulated HOX gene expression in human leukemia
- 4.15 pm - 4.30 pm Dr A. Ghaffar (Lahore, Pakistan)
Increased susceptibility of Galectin-3 knockout mice
- 4.30 pm - 4.45 pm Dr M. Aslamkhan (Lahore, Pakistan)
Cultural consanguinity in the Punjab, Pakistan
- 4.45 pm - 5.00 pm Dr Salma Iqbal Naik (Lahore, Pakistan)
Impact of consanguinity on the spread of thalassemia in Lahore, Pakistan
- 5.00 pm - 5.10 pm Ms Aysha Azhar (Faisalabad, Pakistan)
Molecular genetic analysis of some skin disorders in Pakistani populace
- 5.10 pm - 5.20 pm Mr Shoab ur Rehman (Faisalabad, Pakistan)
Molecular genetics of AR primary microcephaly (MCPH) in Pakistani families
- 5.30 pm – 6.30 pm **Thalassaemia Consensus Meeting**

Day Three: 17th February, 2008
CME ON THE THALASSAEMIA SYNDROMES

- Session- I:** 9.00 am – 10.30 am
- 9.00 am – 9.40 am **Keynote Speaker**
Prof. Sir David Weatherall (Oxford, UK)
The population genetics and dynamics of the haemoglobinopathies
- 9.40 am – 10.05 am Dr Nishi Madan (New Delhi, India)
Role of Red cell indices to screen for Beta Thalassemia Trait
- 10.05 am – 10.30 am Dr. Anil Handoo (New Delhi, India)
Screening of thalassemias and hemoglobinopathies in the current era
- 10.30 am-10.45 am **Tea Break**
- 10.45 am – 11.05 am Dr Dipika Mohanty
Suitable method(s) for Beta thalassemia carrier detection in India–
Experience from a multicentric large population study
- 11.05 am – 11.20 am Dr R. S. Balgir (Bhubaneswar, Orissa)
Phenotypic Diversity of Congenital Sickle Cell Disorders
- 11.20 am - 11.35 am Dr B.P. Dash (Balasore, Orissa)
Spectrum and biology of sickle cell disorders in Orissa state, India
- 11.35 am - 11.55 am Dr Utpal Chaudhuri (Kolkata, India)
Hb E disease in India
- 11.55 am - 12.15 pm Dr Sarita Aggarwal (Lucknow, India)
Alpha thalassemia in modifying the phenotypes of beta thalassemia
- 12.15 am - 12.35 pm Dr Sharmila Chandra (Kolkata, India)
Alpha thalassemia in Eastern India
- 12.35 pm - 1.00 pm Dr Roshan Colah (Mumbai, India)
Invasive and non-invasive prenatal diagnosis of the thalassemia syndromes:
Feasibility and acceptance by the community"
- 1.00 pm – 2.00 pm **Lunch**
- 2.00 pm- 2.30 pm Dr Nancy Olivieri (Toronto, Canada)
Secondary iron overload and Iron Chelators in Thalassemia
- 2.30 pm- 3.00 pm Dr Mammen Chandy: (Vellore, India)
Bone marrow transplantation: Vellore experience
- 3.00 pm- 3.30 pm Dr Rajat Kumar (New Delhi, India)
Cord blood storage for thalassaemia patients
- 3.30 pm - 4.00 pm Dr Punam Malik (Cincinnati, USA)
Progress in gene therapy for thalassaemia
- 4.00 pm - 4.30 pm **Tea Break**
- 4.30 pm – 5.45 pm Panel Discussion** for Young Adult Thalassaemics
Chairpersons: Sir Prof. David Weatherall and Prof. G. Garewal
Panelists: Dr N. Olivieri, Dr R. K. Marwaha, Dr Punam Malik, Dr K. Ghosh & Mrs Shobha Tuli
- 5.45 pm– 6.00 pm **Concluding Remarks**