

International Symposium
on
Genetic and Epigenetic Basis of
COMPLEX DISEASES

December 5 – 7, 2009

Centre for Cellular and Molecular Biology
Uppal Road, Hyderabad, INDIA

Programme

4th December 2009

Registration and Inauguration

Events	Venue
1600 Registration	CCMB Centre Court
1830 Welcome and Inauguration of the Symposium <i>Ch Mohan Rao, Director, CCMB</i>	CCMB Terrace
1840 Welcome from Organising Committee <i>Giriraj R Chandak and Shah Ebrahim</i>	CCMB Terrace
1850 Scope and Format of the Symposium <i>George Davey Smith</i>	CCMB Terrace
1900 Informal Discussions and Dinner	CCMB Terrace

INFORMATION

Symposium Reception	Lobby of IICT Auditorium
All Scientific Sessions	Auditorium of IICT
Workshops	Committee Rooms of CCMB
Posters, Exhibition stalls and Tea/Coffee	East-wing car parking area (Front of CCMB main building)
Lunch on all days	East-wing car parking area
Dinner on all days	CCMB Terrace

Please keep your mobile phones in silent mode during the sessions

5th December 2009

0900 – 1030	Session I	<i>Diabetes in the post-genomic age</i> Chairs – Chittaranjan S Yajnik , Pune, India Nish Chaturvedi , London, UK
0900 – 0930	Graham A Hitman , London, UK	Contribution of genetics to diabetes management and control
0930 – 1000	C Snehalatha , Chennai, India	Insight into the mechanism of primary prevention of type 2 diabetes: Improvement in insulin sensitivity and beta cell function
1000 – 1030	Timothy M Frayling , Exeter, UK	GWAS and beyond: Genetic studies in metabolic & related diseases
1030 – 1100	<i>Tea/Coffee break</i>	
1100 – 1300	Session II	<i>Genetic studies of complex diseases in India</i> Chairs – Nikhil Tandon , New Delhi, India Frank Dudbridge , Cambridge, UK
1100 – 1130	Giriraj R Chandak , Hyderabad, India	Genetic basis of complex diseases: Is it different in Indians?
1130 – 1200	Partha P Majumder , Kolkata, India	Genetic epidemiology of immune response to vaccines
1200 – 1230	Dwaipayyan Bharadwaj , Delhi, India	Genetic epidemiology of type 2 diabetes in North Indians
1230 – 1300	K Thangaraj , Hyderabad, India	Population stratification in India and its implications in complex diseases
1300 – 1430	<i>Lunch/Poster session/Parallel Company Talks (Interested participants may join)</i>	
1300 – 1315	SPINCO Biotech Pvt Ltd, India	
1315 – 1330	Premas Biotech Pvt Ltd, India	
1430 – 1600	Session III	<i>Genetics of Cardiovascular disease</i> Chairs – Rajeev Gupta , Jaipur, India Partha P Majumder , Kolkata, India
1430 – 1500	Mark J Caulfield , London, UK	The Global Research effort to discover genes for blood pressure
1500 – 1530	Adam Butterworth , Cambridge, UK	Integrating biomarker and genetic data in coronary heart disease
1530 – 1600	Salim Yusuf , Ontario, Canada	The Interheart study: Modifiable and genetic determinants of CVD
1600 – 1630	<i>Tea/coffee break</i>	
1630 – 1800	Session IV	<i>Beyond GWAS: Epigenetics and function</i> Chairs – Graham A Hitman , London, UK Dewan Alam , Dhaka, Bangladesh
1630 – 1700	Caroline Relton , Newcastle, UK	Population-based epigenetic studies
1700 – 1730	Shantanu Sengupta , Delhi, India	(Epi)Genetics and coronary artery disease in India
1730 – 1800	Peter Mossey , Scotland, UK	Genetic/epigenetic studies of cleft lip and palate
1800 – 1830	General discussion: led by Nikhil Tandon and Yoav Ben-Shlomo	
1900 onwards	CCMB Movie and Dinner	

6th December 2009

0900 – 0945	Session V	<i>Special Talk</i> Chair – Shah Ebrahim , London, UK
0900 – 0930	Lalji Singh , Hyderabad, India	Genetic diversity in Indian population & its implications in health & disease
0945 – 1115	Session VI	<i>Making sense of genetic studies</i> Chairs – HPS Sachdev , New Delhi, India Salim Yusuf , Ontario, Canada
0945 – 1015	Fredrik Karpe , Oxford, UK	Follow-up of genetic signals in intensively phenotyped samples
1015 – 1045	Nicholas J Timpson , Bristol, UK	Mendelian randomization: Using identified genetic variants
1045 – 1115	Saurabh Ghosh , Kolkata, India	Challenges in management and analyses of GWAS data
1115 – 1145	<i>Tea/coffee break</i>	
1145 – 1315	Session VII	<i>Disease and the early years</i> Chairs – B Sesikeran , Hyderabad, India Sanjay Kinra , London, UK
1145 – 1215	Chittaranjan S Yajnik , Pune, India	Dual Teratogenesis: A model for diabetes epidemic in India
1215 – 1245	Santosh K Bhargava , New Delhi, India	Lessons from New Delhi birth cohort and the road ahead
1245 – 1315	Nihal Thomas , Vellore, India	Type 2 diabetes in rural India: New paradigms in its epidemiology and evolution
1315 – 1415	<i>Lunch/Poster session</i>	
1415 – 1615	Session VIII	<i>Other complex genetic diseases</i> Chairs – Yoav Ben-Shlomo , London, UK Astrid Fletcher , London, UK
1415 – 1445	Paul Brennan , Lyon, France	Cancer genetics: GWAS and beyond
1445 – 1515	Rajesh Dikshit , Mumbai, India	Cancer genetic studies in India
1515 – 1545	Kunal Ray , Kolkata, India	Genetic studies of eye diseases in India
1545 – 1615	Vikram Patel , Goa, India	Psychiatric epidemiology in India: Challenges and opportunities
1615 – 1645	<i>Tea/coffee break</i>	
1645 – 1745	Session IX	<i>Opportunities and actions: Potential Indian/UK funding</i> Chairs – Lalji Singh , Hyderabad, India GNV Brahmam , Hyderabad, India
1645 – 1655	Naomi Beaumont	Research Council, UK
1655 – 1705	Pat Goodwin	Wellcome Trust, UK
1705 – 1715	Shailja Vaidya Gupta	Department of Biotechnology, India
1715 – 1725	Lisa Rodriguez	UK Science and Innovation Network, India
1725 – 1735	Meenakshi Sharma	Indian Council of Medical Research, India
1745 – 1815	General discussion: led by Giriraj R Chandak and Mark J Caulfield	
1900 onwards	<i>Dinner</i>	

7th December 2009

0900 – 1000 Session X *Biobanks and large-scale studies*
Chairs – V R Rao, Kolkata, India
Juan Pablo Casas, London, UK

0900 – 0930 **Zhengming Chen, Oxford, UK**
The role of biobanks: The Kadoorie study

0930 – 1000 **Tim Sprosen, Oxford, UK**
UK Biobank: From concept to reality

1000 – 1030 *Tea/Coffee break*

1030 – 1230 Parallel thematic workshops-I
Aim: To discuss the scientific rationale, opportunities, logistic obstacles for collaborative studies in the Indian subcontinent

Eye diseases

Cardiovascular disease and hypertension

Cancer

Congenital malformations

Epigenetic studies

1230 – 1315 *Lunch*

1315 – 1515 Parallel thematic workshops-II
Aim: To discuss the scientific rationale, opportunities, logistic obstacles for collaborative studies in the Indian subcontinent

Biobanks

Birth cohorts

Psychiatric diseases

Diabetes and metabolic syndrome

1515 – 1545 *Tea/Coffee break*

1545 – 1730 Final session
Chairs - Lalji Singh, Hyderabad, India
George Davey Smith, Bristol, UK

1545 – 1645 Feedback and discussion from workshops

1645 – 1720 General discussion – led by **Lalji Singh** and **George Davey Smith**

1720 – 1730 Close of the meeting – **Giriraj R Chandak**

7th December 2009

1030 – 1230 Parallel thematic workshops-I

Aim: To discuss the scientific rationale, opportunities, logistic obstacles for collaborative studies in the Indian subcontinent

Eye diseases

Conveners **Chitra Kannabiran, Hyderabad, India**
Astrid Fletcher, London, UK

Rapporteur **Subhabrata Chakrabarti, Hyderabad, India**

Cardiovascular disease and hypertension

Conveners **D Prabhakaran, New Delhi, India**
Mark J Caulfield, London, UK

Rapporteur **Dorothea Nitsch, London, UK**

Cancer

Conveners **Rajesh Dikshit, Mumbai, India**
Mausumi Bharadwaj, Noida, India
Paul Brennan, Lyon, France

Rapporteur **Amy Taylor, London, UK**

Congenital malformations

Conveners **Peter Mossey, Scotland, UK**
Jyotsna Murthy, Chennai, India

Rapporteur **Koumudi Godbole, Pune, India**

Epigenetic studies

Conveners **M Raghunath, Hyderabad, India**
Caroline Relton, Newcastle, UK

Rapporteur **K Rajender Rao, Hyderabad, India**

1315 – 1515 Parallel thematic workshops-II

Aim: To discuss the scientific rationale, opportunities, logistic obstacles for collaborative studies in the Indian subcontinent

Biobanks

Conveners **V R Rao, Kolkata, India**
Zhengming Chen, Oxford, UK

Rapporteur **Vikal Tripathi, New Delhi, India**

Psychiatric diseases

Conveners **Abhay Sharma, Delhi, India**
Moinak Banerjee, Trivandrum, India

Rapporteur **Vipin Gupta, New Delhi, India**

Birth cohorts

Conveners **HPS Sachdev, New Delhi, India**
Caroline Fall, Southampton, UK
Chittaranjan S Yajnik, Pune, India

Rapporteur **G V Krishnaveni, Mysore, India**

Diabetes and metabolic syndrome

Conveners **Dwaipayan Bharadwaj, Delhi, India**
Nish Chaturvedi, London, UK

Rapporteur **Ruth Sullivan, London, UK**
