

# BINOCAR

## SCIENTIFIC CONFERENCE FRIDAY 29<sup>th</sup> SEPTEMBER 2006

Clifton Suite, Bristol Pavilion, Bristol Zoo, Clifton, Bristol

\*\*\*\*\*

Welcome to the BINOCAR Scientific Conference.

The aim of this meeting is

- to show the usefulness of collecting information on congenital anomalies and
- how this information can improve and inform the screening process both antenatally and postnatally as well as
- foster collaborations between those working in the field

CME/CPD Applied For

### Programme

#### Morning Session

10.00 am	<b>Welcome and introduction</b>	Dr Liz Draper, Chair BINOCAR
	<b>Keynote presentations</b>	
10.10	Antenatal screening	Professor Kypros Nicolaides Fetal Medicine Foundation, London
10.40	Soft markers	Professor Martin Whittle Clinical Co Director of the National Collaborating Centre/Women & Child Health, Birmingham
	<b>Scientific Papers</b>	
11.10	Prenatal screening for birth defects in Europe – a EUROCAT study of the impact of different national policies	<b>Boyd PA</b> , Loane M, DeVigan C, Khoshnood B, Garne E, Dolk H
11.30	Termination of Pregnancy for Fetal Anomaly: a population-based study 1995 to 2004.	<b>Wyldes M P</b> , Tonks A M
11.50	Transposition of the Great Arteries – does prenatal diagnosis make a difference to outcome?	<b>Wellesley D</b> , Garne E, Loane M, Nelen V, Bakker M, Gener B, Abramsky L, Addor MC, Queisser- Luft A
12.10	Outcome of babies diagnosed with Spina Bifida from 1991-2003: Comparison between antenatal ultrasound findings and post-natal clinical examination.	<b>Calvert JK</b> , Anthony MY, Boyd PA, Chamberlain PC, Redshaw M & Kurinczuk JJ
12.30	<b>Lunch - Poster presentations</b>	
Poster presentations	<b>Epidemiology of orofacial clefts in Africa</b>	Dr Azeez Butali, PhD Student, Dental and Oral Health Department, Dundee Dental School and Hospital
	<b>Changes in maternal age in England and Wales – implications for Downs syndrome</b>	Miss Elizabeth Crane, PhD Student, Wolfson Institute, QMUL, London

**Congenital Central Hypoventilation syndrome: Clinical and molecular review of a UK cohort of 28 cases with PHOX2B mutations**  
**Selected structural and chromosomal anomalies and maternal age**

Dr Julie Evans, Pre-Reg Molecular Geneticist, Bristol Genetics Laboratory, Lewis Laboratories, Southmead Hospital, Bristol  
Ms Stephanie Hobbins, Medical Student, West Midlands Congenital Anomaly Register, Birmingham  
Ms Maria Loane, Research Epidemiologist, EUROCAT Central Registry, University of Ulster, N Ireland

**An overview of trends in the prevalence of Downs syndrome within Europe 1990-2004**

Dr Margery Morgan, Consultant Obstetrician, Singleton Hospital, Swansea

**Review of late terminations in Wales (1998-2003)**

**Fetal MRI Assessment of suspected Dandy Walker malformations with postnatal clinical follow up**

Dr Lucy Wilding, Senior SPR Radiology, Guys & St Thomas' NHS Foundation Trust, London

**Afternoon Session**  
1.30 pm

**Keynote presentations**

Sudden Death and the undiagnosed anomaly

Professor Peter Fleming  
Professor of Infant Health & Developmental Physiology,  
University of Bristol

2.00

Genetics and congenital malformations – implications for families

Dr Ruth Newbury-Ecob  
Consultant Clinical Geneticist  
UBHT Bristol

**Scientific papers**

2.30

The timing of congenital anomaly notifications - How does this vary across types of anomaly, the sources of notification and districts?

**Taub,N**, Budd JLS, Draper ES, Burton PR, Kurinczuk JJ, Jagger C, Perkins M.

2.45

An epidemiological study of Holoprosencephaly from a regional congenital anomaly register: 1995-2004.

Ong S, **Tonks A**, Woodward ER, Wylides M, Kilby MD

3.00

Pathogenesis of congenital anomalies and cerebral palsy

**Pharoah POD**

3.15

Use and recording of folic acid to prevent neural tube defects

**Mytton J**

3.30

**Closing presentation**

**Professor Jean Golding**  
Emeritus Professor Paediatric & Perinatal Epidemiology, Founder & former Director of Avon Longitudinal Study of Parents and Children, University of Bristol

