



FINAL PROGRAMME

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* Keynote presentation

Wednesday 1 October	
From 08:00	Registration; Coffee/Tea
09:15	Organising Committee Welcome
09:30 Session 1	Fetal Growth Restriction and Postnatal Development
Isabelle Monier (FRA)	Probability of live birth after detection of fetal growth restriction between 22 and 27 weeks of gestation - EPIPAGE 2
Terri Levine (UK & EIR)	Early childhood neurodevelopment after intrauterine growth restriction: a systematic review
Edurne Mazarico (ES)	Neurobehavior in intrauterine growth restricted infants with abnormal uterine artery Doppler
* Karel Marsal (SWE)	Late onset IUGR and postnatal development up to 21 years of age
	Plenary / Open Forum
10:45	Coffee
11:15 Session 2	FGR and Perinatal Outcome
Ka Wai Pang (UK)	Review of clinical characteristics of women with stillbirth in a large district general hospital: could we make a difference?
Edel Manning (EIR)	Fetal growth restriction and perinatal mortality in Ireland
Lorraine Ecclestone (UK)	Standardised case reviews of perinatal deaths: the role of IUGR
C. Dougan (UK)	Prospective audit in a tertiary obstetric unit to determine detection rate of SGA babies and impact on intrapartum outcomes
* Frank Bloomfield (NZ)	IUGR and neonatal hypoglycaemia
	Plenary / Open Forum
12:45	Lunch & Posters
13:45 Session 3	Models and Standards of Fetal Growth - I
Katherine Grantz (USA)	Longitudinal changes in maternal weight gain and intrauterine fetal growth
Louise Simcox (UK)	The role of 2D and 3D ultrasound parameters in the prediction of third trimester growth trajectories and final birthweight
Graham Parry (NZ)	Fetal fat index (FFI): reference ranges for fetal thigh fat
Nir Melamed (CAN)	Sonographic Weight Estimation of Small for Gestational Age Fetuses: Is The Optimal Model Related to Fetal Body Proportion?
* Gerry Visser (NL)	Human fetal growth is constrained below optimal for perinatal survival
	Plenary / Open Forum
15:30	Coffee / Tea
16:00 Session 4	Models and Standards of Fetal Growth - II
* Aris Papageorgiou (UK)	INTERGROWTH-21st: international standards for fetal growth and newborn size
Graham Parry (NZ)	Ethnic differences in fetal biometry in a healthy maternity population
Lucia Vaira (ITA)	Fetal growth assessment: a global perspective based on cloud computing
Linda Van Wyk (NL)	Customised growth curves vs population based curves for the prediction of intra-uterine growth restriction at term: A secondary analysis of the DIGITAT study
* Jason Gardosi (UK)	The role of customised assessment in defining optimal growth
	Plenary / Open Forum
18:00	Close
19:00	Welcome Reception

Thursday 2 October

08:30 Session 5	The Placenta and IUGR
* Neil Sebire (UK)	Placental pathology of early and late IUGR: findings, variants, methodologies
Noelyn Anne Hung (NZ)	Immunohistochemical detection of hpv 1 capsid protein in villous syncytiotrophoblast knots is associated with premature labour and FGR
Anne Sørensen (DNK)	Placental function in FGR – a correlation between placental bold MRI, placental histopathology and fetal outcome.
John Kingdom (CAN)	Birth weight customization improves the association between SGA and placental pathology in nulliparous women
Lucy Higgins (UK)	Identifying the placental phenotype of adverse pregnancy outcome: potential novel biomarkers of the at-risk pregnancy
Fengxiu Ouyang (CHN)	Pre-pregnancy BMI, gestational weight gain and gestational diabetes in relation to childhood obesity in offspring: the mediation effect of placental weight
Samantha Benton (CAN)	Low maternal PIGF is associated with histological evidence of placental dysfunction in pregnancies with suspected intrauterine growth restriction
	Plenary / Open Forum
10:30	Coffee/Tea
11:00 Session 6	Screening and Surveillance - I
Anguita Burgos (ES)	How useful is uterine artery Doppler flow velocimetry in the prediction of intrauterine growth restriction
Laura Howe (NZ)	Are two scans better than one? predicting small for gestational age infants from scan data at 20 and 24 weeks gestation
Folasade Akhanoba (UK)	Prevalence of small for gestational age and preterm delivery in low PAPP A pregnancies in a District General Hospital
Francesc Figueras (ES)	The role of angiogenic factors for first trimester screening of fetal growth restriction
Lesley McCowan (NZ)	Second trimester prediction of SGA- findings from the SCOPE study.
Andrew Sharp (UK)	PIGF bedside testing in standard clinical care: 6 months experience from a large teaching hospital
* Lucy Chappell (UK)	Third trimester biomarkers for prediction of small for gestational age infants: the PELICAN studies
	Plenary / Open Forum
12:45	Lunch & Posters
13:45 Session 7	Screening and Surveillance - II
Anguita Burgos (ES)	Value of the 32-34 week ultrasound in the diagnosis of growth restricted fetuses born at term
Suseela Vavilala (IND)	Detection rate of FGR with a policy of routine ultrasound scans at 34 weeks
Francesc Figueras (ES)	Routine third trimester ultrasound at 32 vs 36 weeks of gestational age in the detection of growth restriction: randomized trial
Michelle Southam (UK)	Effectiveness of different serial scan policies in antenatal detection of SGA birthweight in high risk pregnancies
Stefania Triunfo (ES)	Routine versus contingent third trimester screening for late fetal growth restriction
Asma Khalil (UK)	Changes in fetal Doppler indices as a marker of failure to reach growth potential at term
	Plenary / Open Forum
15:30	Coffee/tea
16:00 Session 8	Implementing Antenatal Growth Assessment Programmes
Jason Gardosi (UK)	Impact of improved antenatal recognition of IUGR on stillbirth rates in England
Sally Giddings (UK)	The Growth Assessment Protocol and its national roll-out in the UK
Carol Paeglis (UK)	The role of supervision and competency assessment in improving fetal growth surveillance
Alison Brodrick (UK)	Implementing GROW in a tertiary referral unit
Kristel Zeeman, (NL)	Successes and pitfalls of implementing GROW in the Netherlands
Lesley McCowan (NZ)	The New Zealand experience
	Plenary / Open Forum
Emma Austin (AUS)	The impact of depression, anxiety and stress on fetal growth
Brigid Arabin (GER)	Early music programs: an option to support neurodevelopment in healthy and growth retarded babies from pre- to postnatal life?
18:00	Close
19:30 for 20:00	Gala Dinner

Friday 3 October

08:30 Session 9	Management of Early and Late IUGR
* Karel Marsal (SWE)	Management and follow-up of early onset IUGR fetuses
A L David (UK)	Gene therapy for early onset IUGR (EVERREST)
* Christoph Lees (UK)	Results of the Truffle Trial
* Francesc Figueras (ES)	Management of late onset IUGR
* Sicco Scherjon (NL)	Further insights from the DIGITAT trial & follow-up
	Plenary / Open Forum
10:30	Coffee/tea
11:00 Session 10	Protocols, Audit and Research
* Lesley McCowan (NZ)	Overview of national protocols for assessment and management of IUGR
Fergal Malone (EIR)	Perinatal Ireland: protocol development and implementation
Jason Gardosi (UK)	Cost benefit analysis of RCOG guidelines for the investigation and management of the SGA fetus
Roundtable & Open Forum	Summary of best practice points; Priorities for audit and research in reducing adverse outcome due to IUGR
12:45	Lunch & Posters
13:45 Session 11	Macrosomia
* D Pasupathy (UK)	Macrosomia - definition, management and outcome
David Bailey (UK)	Obstetric outcomes at term in pregnancies with large for gestational age babies
Mandy Williams (UK)	Obesity, fetal growth and pregnancy outcome
Matias Viera (UK)	Risk factors for neonatal morbidity in LGA infants
T Tomlinson (USA)	Clinical prediction of fetal overgrowth in pregnancies complicated by diabetes
A Nawathe (UK)	Insulin growth factors and their binding protein expression in pregnancies affected by diabetes and obesity
15:00	Plenary / Open Forum
15:30 Session 12	
15:30	Presentation of best posters Prizes for best short communication and poster
16:00	Close; Coffee/Tea

Posters

Session 1		Wednesday 1 October 13:15-13:45
Presenting Author	Poster Title	
1.1 Carolyn Drews-Botsch <i>et al.</i>	Measurement of early childhood obesity in children born SGA vs AGA.	
1.2 Graham K Parry <i>et al.</i>	The contribution of soft tissue to birth weight.	
1.3 Anna Caetono <i>et al.</i>	Assessment of intracranial structure volumes in fetuses with growth restriction by means of three-dimensional ultrasound using the extended imaging virtual organ computer-aided analysis method.	
1.4 Renuka Sekar <i>et al.</i>	An audit following implementation of customised growth charts in a tertiary unit.	
1.5 Kate Morse <i>et al.</i>	Audit: the essential link to evaluation of customised growth charts in clinical practice.	
1.6 Andrew Sharp <i>et al.</i>	Antenatal detection of small for gestational age before and after introduction of customised growth charts: experience of a large teaching hospital.	
1.7 Ramos Ruiz <i>et al.</i>	Diagnosis of fetal growth restriction in twin pregnancies using different fetal growth standard formulas	
1.8 García Solbas <i>et al.</i>	Incidence of fetal growth restriction in preterm and term pregnancies.	
Session 2		Thursday 2 October 13:15-13:45
Presenting Author	Poster Title	
2.1 William Clow <i>et al.</i>	Amnion disruption sequence: a new perspective on the pathological mechanism.	
2.2 Celia Devenish <i>et al.</i>	The immunohistochemical detection of HPV L1 Capsid protein in the placenta and maternal cervical smear history.	
2.3 Noelyn Hung <i>et al.</i>	Histopathology of treated chronic histiocytic intervillitis.	
2.4 Tamas Marton <i>et al.</i>	Normal values of brain- thymus weight ratio in non-IUGR perinatal deaths.	
2.5 Ana Zamarian <i>et al.</i>	Evaluation of angiogenic factors combined with Doppler parameters in healthy controls and fetal growth restriction	
2.6 Sinding M <i>et al.</i>	Placental T2 in normal pregnancy and in two cases of fetal growth restriction.	
2.7 Annabel Dieh <i>et al.</i>	The impact of screening for the SGA fetus using low maternal pregnancy associated plasma Protein-A2.	
2.8 Carolina Freire <i>et al.</i>	Relationship between nucleated red blood cell counts and obstetric and neonatal outcomes in SGA fetuses with normal umbilical artery Doppler.	
Session 3		Friday 3 October 13:10-13:45
Presenting Author	Poster Title	
3.1 Rebecca Spencer <i>et al.</i>	Developing a therapy for severe early onset fetal growth restriction: the challenges of designing a multinational phase I/IIA clinical trial protocol.	
3.2 Stefan Savchev <i>et al.</i>	An integrated model with classification criteria to differentiate late onset fetal growth restriction vs. small for gestational age	
3.3 Bottino Guerrero <i>et al.</i>	Does second trimester uterine artery Doppler screening modify perinatal outcomes?	
3.4 Ramos Ruiz <i>et al.</i>	Emergency caesarean delivery performed for non-reassuring fetal heart rate, on term pregnancy with undiagnosed IUGR	
3.5 A Nawathe <i>et al.</i>	Differential placental expression of insulin like growth factors and their binding proteins in pregnancies affected by growth disorders.	
3.6 Martínez Alonso <i>et al.</i>	Diagnosis of IUGR and SGA in first and second twins	
3.7 Burgos Anguita <i>et al.</i>	Route of delivery in growth restricted fetuses born at term.	
3.8 Bottino Guerrero <i>et al.</i>	Obstetric complications and adverse perinatal outcomes correlated with uterine artery Doppler assessment during the second trimester of pregnancy.	