

Sunday 26 June

08:30 - 09:20 Registration

09:20 - 11:00 Fetal assessment and treatment

Discussants: Yves Ville, Jan Deprest, Kypros Nicolaides

Wolfgang Arzt (Austria)	Fetal cardiac surgery
Dick Oepkes (Netherlands)	International registry on fetal cardiac surgery
Greg Ryan (Canada)	Fetal thoracic shunts
Alan Flake (USA)	Fetal gene and cell based therapies
Dick Oepkes (Netherlands)	Treatment of alloimmune thrombocytopenia

11:00 - 11:30 Coffee break

11:30 - 13:00

Jan Deprest (Belgium)	Randomized trials on FETO for diaphragmatic hernia
Alan Flake (USA)	Prenatal and postnatal surgery for sacroccocygeal teratoma
Liesbeth Lewi (Belgium)	Risk assessment in MC twins throughout pregnancy
Denise Pedreira (Brazil)	Closure of fetal spina bifida: classical vs simplified technique
Romain Favre (France)	Fetoscopic surgery for amniotic band syndrome
Suresh Seshadri (India)	Telementoring for fetoscopy and laser
Magdalena Sanz-Cortés (Spain)	Early vs late cord occlusion in monochorionic twins

13:00 - 14:00 Lunch

14:00 - 16:30 Eurofetus research meeting

Discussants: Jan Deprest, Yves Ville, Anthony Johnson, Eduard Gratacos, Liesbeth Lewi



Fabio Peralta (Brazil)	Fetal cardiac interventions
Fabio Peralta (Brazil)	CDH: Treatment by FETO
Rudiger Stressig (Germany)	CDH: Left heart hypoplasia
Tim Van Mieghem (Belgium)	CDH: Outcome in cases with hydrothorax and ascites
Mar Bennasar (Spain)	DC twins: Selective fetocide for fetal abnormalities
Shlomo Lipitz (Israel)	MC twins: MRI and US findings after death of one fetus
Prabha Sinha (UK)	MC twins: Management in the 3rd trimester
Yves Ville (France)	TTTS: Primary laser surgery vs expectant management in stage I
Renato Sá Moreira (Brazil)	TTTS: Virtual view of the placenta
Krzysztof Preis (Poland)	TTTS: Effect of site of coagulation of communicating vessels
Fabio Peralta (Brazil)	TTTS: Techniques of laser ablation of placental vessels
Julien Strimemann (France)	TTTS: Failure of primary laser: Recurrence and TAPS
Dick Oepkes (Netherlands)	TTTS: Solomon trial
Julien Strimemann (France)	TTTS: Gestation and mode of delivery after laser surgery
Eugenia Antolin Alvarado (Spain)	TTTS: Fetal cardiovascular profile
Romain Favre (France)	TTTS: Recipient cardiovascular profile
Julien Strimemann (France)	TTTS: Laser surgery in triplet pregnancies
Yves Ville (France)	Selective FGR: Laser surgery or selective fetocide?
Enrico Lopriore (Netherlands)	Selective FGR: Diameter of arterio-arterial anastomosis
Enrico Lopriore (Netherlands)	Selective FGR: Neonatal morbidity
Daniela Prayer (Austria)	Immunosuppression and fetal lung development
Karien Hack (Netherlands)	Twins: Effect of method of conception on perinatal outcome



The Fetal Medicine
Foundation

Sunday 26 June

18:00 – 20:00 Fetal assessment and treatment

Discussants: Alan Flake, Paolo De Coppi, Jack Jani

Yves Ville (France)

Stefaan Bergé (Netherlands)

Alan Flake (USA)

Paolo De Coppi (UK)

Daniela Prayer (Austria)

Intrauterine interventions in twins

Postnatal surgery for cranio-facial defects

Fetal surgery for myelomeningocele

Tissue engineering applications for congenital abnormalities

MRI in the assessment of fetal malformations

21:00 Welcome party

Monday 27 June

09:00 - 11:00 Preterm delivery

Discussants: Zarko Alfirevic, Roberto Romero, Kypros Nicolaides

Roberto Romero (USA)	Progesterone for short cervix in singletons
Line Rode (Denmark)	Progesterone in twins: The Danish-Austrian study
Ahmad El-Sheikhah (Egypt)	Progesterone in twins: The Egyptian study
Ann Tabor (Denmark)	Progesterone in twins: Meta analysis
Zarko Alfirevic (UK)	Cervical cerclage in singletons and twins
Elena Carrera (Spain)	Arabin pessary in singletons
Alenka Bindas (Slovenia)	LLETZ vs cone biopsy
Tanja Jakobsen (Denmark)	Prediction by cell free fetal DNA at 25 wks
Stefania Tudorache (Romania)	Prediction by amniotic fluid sludge at 22 wks
Mauro Parra-Cordero (Chile)	Prediction by cervical length and uterine artery PI at 12 and 22 wks

11:00 - 11:30 Coffee

11:30 - 12:30

Elena Greco (UK)	Prediction by cervical length at 12 wks
Kypros Nicolaides (UK)	Prediction by combined testing at 12 and 22 wks
Carl Weiner (USA)	Prediction from maternal plasma samples
	Panel discussion on prediction and prevention

12:30 - 13:00 Early diagnosis of cardiac defects

Discussants: Rabih Chaoui, Jack Jani

Fred Ushakov (UK)	Fetal echocardiography at 11-13 wks: Videos
Georgios Rembouskos (Italy)	Routine fetal echocardiography at 11-13 wks
Susana Pereira (UK)	Early screening for fetal cardiac defects

13:00 - 14:00 Lunch

14:00 - 16:00 Eurofetus research meeting

Discussants: Greg Ryan, Dick Oepkes, Alan Flake, Jan Deprest



Stavros Sifakis (Greece)	Endoreduplicated throphoblast cells in the cervix
Steven Shaw (UK)	Amniotic fluid stem cells for autologous cell/gene therapy
Michela Perrini (Switzerland)	Contractions and risk for PROM
Nicole Ochsenbein-Kobler (Switzerland)	Mussel glue for fetal membrane repair
Martin Meuli (Switzerland)	Intrauterine repair of myelomeningocele
Haruhiko Sago (Japan)	Double-basket catheter for thoracoamniotic shunting
Romain Favre (France)	Vesico-amniotic shunts for obstructive uropathy
Lisandra Bernardes (Brazil)	Renal vascularization in obstructive uropathy
Simona Boito (Italy)	Prenatal prediction of postnatal renal function
Kelly Bennett (USA)	Bowel dilatation in fetal gastroschisis
Robert Bergholz (Germany)	Fetoscopic bag placement for gastroschisis
Romain Favre (France)	Fetoscopic surgery for amniotic band syndrome
Dipika Deka (India)	Rh disease: fetal and neonatal outcome
Roseli Nomura (Brazil)	Rh disease: fetal cardiac troponin T in prediction of outcome
Enrico Lopriore (Netherlands)	Neurodevelopment after fetal transfusions for ParvoB19 infection

Monday 27 June

18:00 - 20:00

Discussants: Carl Weiner, Neil Sebire

Ahmed Baschat (USA)	Disease-specific fetal surveillance
Yves Ville (France)	Ethics of fetal therapy
Neil Sebire (UK)	Interpretation of placental pathology
Rabih Chaoui (Germany)	Early fetal echocardiography
Michael Belfort (USA)	Placenta percreta
Roberto Romero (USA)	Great obstetric syndromes

Tuesday 28 June

09:00 - 10:40 **Fetal growth restriction**

Discussants: Eduard Gratacos, Ahmed Baschat, Gerry Visser

Eduard Gratacos (Spain)	FGR: Identification and management of late-onset disease
Ahmed Baschat (USA)	FGR: Antenatal findings and neurodevelopment
Miriam Illa (Spain)	FGR: Rabbit model of neurostructure and neurodevelopment
Elisenda Eixarch (Spain)	FGR: MRI connectomics and neurodevelopment
Athena Souka (Greece)	Prediction of SGA and LGA by ultrasound at 30-34 wks
Andrew Sharp (UK)	Stillbirth, SGA and abnormal placental histology
Yves Ville (France)	The 32-week scan in women with adequate screening at 12 and 22 wks
Maria Perello (Spain)	FGR: Prediction in the first trimester
Gerry Visser (Netherlands)	FGR: Longitudinal data on early prediction
Monica Cruz (Spain)	FGR fetuses: Evaluation of cardiac dysfunction by valve annular motion vs tissue Doppler
Fatima Crispi (Spain)	Cardiovascular remodeling in children with FGR

10:40 - 11:00 **1st trimester screening for aneuploidies**

Discussants: Ann Tabor, Howard Cuckle, Katia Billardo

Kypros Nicolaides (UK)	Overview
Pat Ward (UK)	National screening in England

11:00 - 11:30 **Coffee**

11:30 - 13:00

Nancy Chung (UK)	Costing of national screening in England
Jiri Sonek (USA)	Evaluation of fetal NT in California
Cristina Casanova Pedraz (Spain)	Effect of different methods of assisted conception
Ann Tabor (Denmark)	Effect of assisted reproduction on biochemistry
Mina Savvidou (UK)	Effect of diabetes on biochemistry
Charlotte Ekelund (Denmark)	Biochemical testing at 9 and 12 wks
Emma Bredaki (UK)	Improved performance by inclusion of serum AFP
Tamara Illescas Molina (Spain)	Effect of NT, free β -hCG and PAPP-A of previous pregnancy
David Wright (UK)	Adjustment for biochemical results of previous pregnancies
Christos Schizas (Cyprus)	Artificial neural network system
Begona Adiego Burgos (Spain)	Retronasal triangle
Yuval Gielchinsky (UK)	Hepatic artery peak systolic velocity
Howard Cuckle (USA)	FHR: Results from the FaSTER trial
Ioannis Papastefanou (Greece)	Intracranial translucency and cisterna magna
Teresa Loureiro (Portugal)	Fetal cerebroventricular system

13:00 - 14:00 **Lunch**

Tuesday 28 June

14:00 - 14:30 Roche symposium

Niels Topping (Denmark) Earlier screening for trisomy 21: Blood sampling in the 8th week
Kypros Nicolaides (UK) Discussion

17:30 - 18:00 Samsung Medison session

Jacques Jani & Teresa Cos (Belgium) Live scanning demonstration
Veronika Frisova (Czech Republic) Visualization of the mid-sagittal plane by 3D ultrasound

18:00 - 20:00 1st trimester screening for aneuploidies

Discussants: Katia Billardo, Howard Cuckle, Ann Tabor

Waldo Sepulveda (Chile) Mandibular gap and micrognathia at 11-13 weeks
Howard Cuckle (USA) Interpretation of NT in triplets
Eugene Pergament (USA) Prenatal screening and testing
Katia Bilardo (Netherlands) Increased NT normal karyotype: Management and outcome
Anna Gonce (Spain) Increased NT normal karyotype: Perinatal and pediatric outcome

Neurosonography

Discussants: Rabih Chaoui, Magdalena Sanz-Cortes

Rabih Chaoui (Germany) Diagnosis of spina bifida at 11-13 weeks
Oliver Kagan (Germany) Diagnosis of closed spina bifida
Fred Ushakov (UK) Fetal neurosonography at 11-13 wks
Veronika Frisova (Czech Republic) Ultrasound and MRI in fetal ventriculomegaly and absent corpus callosum
Isabella Fabietti (Italy) MRI is not needed in isolated ventriculomegaly
Ori Shen (Israel) Examination of the fetal vermis by 3D ultrasound
Magdalena Sanz-Cortes (Spain) Prediction of neurodevelopmental by MRI brain microstructure
Tessa Homfray (UK) Clinical genetics in fetal medicine

21:00 Dinner party

Wednesday 29 June

09:00 - 10:15 Preeclampsia

Discussants: Michael Belfort, Kypros Nicolaides

Mauro Parra-Cordero (Chile)	Prediction of PE: Glucose tolerance test
Asma Khalil (UK)	Early prediction of PE: Arteriography
Fabricio Costa (Australia)	Early prediction of PE: Flow mediated dilatation
Mauro Parra-Cordero (Chile)	Early prediction of PE: Biomarkers and uterine artery PI
Ranjit Akolekar (UK)	Early prediction of PE: The combined test
Elena Scazzocchio (Spain)	Early prediction of PE: PAPP-A at 8-12w and Uterine PI & MAP at 11-13w
Andreas Neocleous (Cyprus)	Early prediction of PE: Artificial neural networks
Leona Poon (UK)	Early prediction of PE in twins
Iosifina Stergiotou (Spain)	Cardiovascular risk in PE: Maternal carotid wall thickness
Michael Belfort (USA)	Cerebral hemodynamic in preeclampsia/eclampsia

10:15 - 11:00 Labor and delivery

Discussants: Reuven Achiron, Francesca Molina

Reuven Achiron (Israel)	"Check-in" sonography in the delivery room
Yinon Gilboa (Israel)	Sonopelvimetry; evaluation of pelvic anatomy before labor
Ariel Zimmerman (Israel)	Detection of latent to active phase transition by 3D ultrasound
Christian Bamberg (Germany)	Angle of progression of fetal head at term: Ultrasound vs MRI
Krzysztof Preis (Poland)	Uterine cervix elastography in prediction of successful induction
Peter Yeh (UK)	Term delivery: umbilical artery pH and neonatal seizures

11:00 - 11:30 Coffee

11:30 - 12:30 Termination and autopsy

Discussants: Neik Sebire, Jack Jani

Athena Souka (Greece)	Views of women on termination for defects
Neil Sebire (UK)	Future developments in less invasive autopsy
Jack Jani (Belgium)	MRI and CT in postmortem examination
Claudio Lombardi (Italy)	Postmortem 3D MRI of fetal heart at 11-13 weeks
Inga Sandaite (Belgium)	Postmortem MRI of fetal cardiovascular anomalies

12:30 - 13:00 This and that

Juan Carlos Bello-Muñoz (Spain)	Agenesis of the ductus venosus
Ron Rabinowitz (Israel)	Varix of intra-abdominal umbilical vein
Waldo Sepulveda (Chile)	Patent urachus
Anna Gonce (Spain)	Diagnosis of congenital cytomegalovirus infection

13:00 - 14:00 Lunch

18:00 - 20:00

Discussants: Gerry Visser, Carl Weiner

Carl Weiner (USA)	Chronic fetal hypoxia and brain injury: The fall of dogma
Gerry Visser (Netherlands)	The growing epidemic of diabetes in pregnancy
Kypros Nicolaides (UK)	Inverting the pyramid of prenatal care
Wolfgang Holzgreve (Germany)	Stem cells from cord blood: Relevance to clinical practice

Thursday 30 June

08:30 - 09:30 Molecular techniques in invasive prenatal diagnosis

Discussants: Marc Evans, Eugene Pergament

Mark Evans (USA)	Overview of techniques
Malgorzata Srebniak (Netherlands)	SNP array in cases of fetal defects
Poonam Charan (Australia)	SNP array in cases of fetal defects
Yvonne Cheng (China)	BACs-on-Beads vs QF-PCR and karyotyping
Shin Yu Lin (Taiwan)	Comparative genomic hybridization
Lyn Chitty (UK)	Multiplex ligation-dependent probe amplification (MLPA)

09:30 - 11:00 EuroGentest scientific meeting



Non-invasive prenatal diagnosis

Discussants: Lyn Chitty, Dennis Lo

Lyn Chitty (UK)	Background
Mel Hill (UK)	Determination of fetal sex
Mavrou Ariadni (Greece)	Fetal sexing in the first trimester
Ellen van der Schoot (Netherlands)	Determination of fetal blood group
Frederik Clausen (Denmark)	Routine fetal Rhesus typing in the second trimester
Lyn Chitty (UK)	Routine fetal Rhesus typing in the first trimester

11:00 - 11:30 Coffee

11:30 - 13:30

Rossa Chiu (China)	Diagnosis of aneuploidies: Update
Martin Burow (Germany)	Diagnosis of aneuploidies: Clinical application
Philippos Patsalis (Cyprus)	Diagnosis of aneuploidies: Epigenetic approach
Ken Song (USA)	Diagnosis of aneuploidies: Selective sequencing approach
Dennis Lo (China)	Future prospects

13:30 - 14:30 Lunch

18:00 Trip to Valletta