

19TH WORLD CONGRESS IN FETAL MEDICINE

Crete, Greece, 26-30 June 2022

Sunday 26th June 2022: Joint session with Eurofoetus		
08:00 - 09:00	Registration	
09:00 - 09:15	Welcome	Jan Deprest (Belgium)
09:15 - 11:08	Congenital diaphragmatic hernia	
	Discussants: Alan Flake (USA), Jan Deprest (Belgium), Alexandra Benachi (France)	
09:15 - 09:30	Fetal treatment in the post-TOTAL era	Jan Deprest (Belgium)
09:30 - 09:37	Validation of O/E LHR based on two RCTs	Francesca Russo (Belgium)
09:37 - 09:44	Tracheal effects of the balloon	David Basurto (Mexico)
09:44 - 09:59	Implementation of FETO	Alexandra Benachi (France)
09:59 - 10:06	Membrane rupture and FETO technique	Anne Gael Cordier (France)
10:06 - 10:13	Duration TO and lung growth	Kanokwaroon Watananirun (Thailand)
10:13 - 10:25	Discussion	
10:25 - 10:35	Long term outcomes in children with CDH	Alan Flake (USA)
10:35 - 10:42	Prenatal prediction of postnatal morbidity	Francesca Russo (Belgium)
10:42 - 10:49	Fetal brain development in CDH	Isabella Fabietti (Italy)
10:49 - 10:56	Pregnancy outcome in women with CDH	Alexandra Benachi (France)
10:56 - 11:03	Towards phase I trial with smart TO	David Basurto (Mexico)
11:03 - 11:08	Poll on fetal treatment of CDH	Neeltje Crombag (Netherlands)
11:08 - 11:18	Special lecture: Endoscopic ventriculostomy	Fabio Peralta (Brazil)
11:18 - 11:30	Special lecture: Therapy in fetal thoracic lesions	Greg Ryan (Canada)
11:30 - 12:00	Coffee break	
12:00 - 14:30	Fetal spina bifida repair	
	Discussants: Jan Deprest (Belgium), Greg Ryan (Canada)	
12:00 - 12:15	Long term outcomes in the MOMS trial	Alan Flake (USA)
12:15 - 12:25	Anatomical vs functional level	Nerea Maiz (Spain)
12:25 - 12:32	Evolution in functional level	Lucas Trigo (Brazil)
12:32 - 12:39	Phenotyping spina bifida in the fetal surgery era	Ferdinand Dhombres (France)
12:39 - 12:45	Discussion	
12:45 - 12:52	Stem cell application for fetal repair	Lucie Guilbaud (France)
12:52 - 12:59	Outcomes early vs. late repair	Fabio Peralta (Brazil)
12:59 - 13:06	Outcomes early vs. late repair	Rogelio Cruz-Martinez (Mexico)
13:06 - 13:20	Discussion	
13:20 - 13:27	In utero brain changes following fetal repair	Nada Mufti (UK)
13:27 - 13:34	Role of watertight repair	Simen Vergote (Belgium)
13:34 - 13:41	Parent's decisions in spina bifida aperta	Neeltje Crombag (Netherlands)
13:41 - 13:53	Outcome after percutaneous fetoscopic repair	Denise Lapa (Brazil)
13:53 - 14:05	Outcome after laparotomy assisted fetoscopic repair	Magdalena Sanz (USA)
14:05 - 14:12	Percutaneous / mini-laparotomy fetoscopic repair	Ramen Chmait (USA)
14:12 - 14:30	Discussion	
14:30 - 16:00	Lunch break	
16:00 - 18:20	Innovation in fetal therapy and surgery	
	Discussants: Kypros Nicolaidis (UK), Jan Deprest (Belgium), Magdalena Sanz (USA)	
16:00 - 16:07	Designing flexible fetoscope	Awais Mirza Ahmad (Pakistan)
16:07 - 16:14	Clinical flexible fetoscopy	Rogelio Cruz-Martinez (Mexico)
16:14 - 16:25	Laser ablation of Type II vasa previa	Ramen Chmait (USA)
16:25 - 16:40	In utero stem cell transplantation	Tippi McKenzie (USA)
16:40 - 16:55	Perinatal therapy with extracellular vesicles	Paolo De Coppi (UK)
16:55 - 17:10	Fetal therapy for single gene disorders	Tippi McKenzie (USA)
17:10 - 17:30	The IDEAL framework for fetal surgeons	Peter McCulloch (UK)
17:30 - 17:40	Discussion	
17:40 - 17:55	Next generation super resolution MRI of the brain	Michael Aertsen (Belgium)
17:55 - 18:10	Artificial placenta	Alan Flake (USA)
18:10 - 18:20	Cardiovascular adaptation to an artificial placenta	Fatima Crispi (Spain)
18:20 - 18:35	Special lecture: Fusion between MRI and US images	Laurent Salomon (France)
20:00 - 24:00	Welcome reception	

Monday 27th June 2022: Joint session with Eurofoetus		
09:00 - 12:55	Twin pregnancies	
	Discussants: Yves Ville (France), Liesbeth Lewi (Belgium), Kypros Nicolaides (UK)	
09:00 - 09:15	Twins: First trimester prediction of adverse outcome	Ewelina Litwinska (Poland)
09:15 - 09:30	Fetal growth in twin pregnancies	David Wright (UK)
09:30 - 09:45	MC twins: genetic disorders	Nicolas Bourgon (France)
09:45 - 10:00	MC twins: overview	Yves Ville (France),
10:00 - 10:15	MC twins: early TTTS	Kurt Hecher (Germany)
10:15 - 10:30	MC twins: late TTTS	Greg Ryan (Canada)
10:30 - 10:37	Laser surgery for TTTS stage I	Ramen Chmait (USA)
10:37 - 10:44	TTTS: Perforation of the intertwin membrane after laser surgery	Patricia Knijnenburg (Netherlands)
10:44 - 11:01	Fetal echocardiography in predicting progression to TTTS	Grazia Volpe (Italy)
11:01 - 11:08	MRI of the fetal brain in monochorionic twins	Michael Aertsen (Belgium)
11:08 - 11:18	DNA methylation analysis of MZ twins discordant for heart defects	Mark Kilby (UK)
11:18 - 11:30	Discussion	
11:30 - 12:00	Coffee break	
12:00 - 12:15	MC twins: TAPS	Enrico Lopriore (Netherlands)
12:15 - 12:22	TAPS: Co-twin death and cerebral injury after single fetal demise	Lisanne Tollenaar (Netherlands)
12:22 - 12:37	MC twins: sFGR	Liesbeth Lewi (Belgium)
12:37 - 12:44	sFGR: neurodevelopmental outcome in sFGR	Sophie Groene (Netherlands)
12:44 - 12:55	Discussion	
12:55 - 14:15	Preterm birth	
	Discussants: Gerry Visser (Netherlands), Kypros Nicolaides (UK)	
12:55 - 13:03	Impact of routine screening by cervical length at 20 weeks	Ron Maymon (Israel)
13:03 - 13:11	Screening in low risk singleton pregnancies	Athena Souka (Greece)
13:11 - 13:19	Effect of lower uterine segment thickness on cervical length	Alba Farràs (Spain)
13:19 - 13:27	Screening in women with previous full dilatation cesarean section	Amrita Banerjee (UK)
13:27 - 13:35	1 st trimester prediction by maternal factors and shear-wave elastography	Liona Poon (Hong Kong)
13:35 - 13:43	1 st trimester prediction in women with congenital uterine anomalies	Jon Hyett (Australia)
13:43 - 13:55	NOPEX trial on cervical pessary for short cervix	Elena Carreras (Spain)
13:55 - 14:03	Cervical cerclage vs pessary in women with a short cervix	George Daskalakis (Greece)
14:03 - 14:15	Discussion	
14:15 - 14:30	Special lecture: Resistance to change	Mark Evans (USA)
14:30 - 16:00	Lunch break	
16:00 - 18:40	Fetal echocardiography	
	Discussants: John Simpson (UK), Rabih Chaoui (Germany)	
16:00 - 16:30	First versus second trimester fetal echocardiography	Rabih Chaoui (Germany)
16:30 - 16:45	Vascular rings - to diagnosis and beyond	Trisha Vigneswaran (UK)
16:45 - 17:00	Coarctation of the aorta - to diagnosis and beyond	John Simpson (UK)
17:00 - 17:15	Practical value of fetal cardiac MRI	Kuberan Pushparajah (UK)
17:15 - 17:30	Fetal long QT syndrome - when to suspect, how to diagnose?	Vita Zidere (UK)
17:30 - 17:40	Extrahepatic portosystemic venous shunt	Reuven Achiron (Israel)
17:40 - 17:48	Early diagnosis of conotruncal anomalies	Valentina De Robertis (Italy)
17:48 - 17:56	Use of fetal ECG in the assessment of fetal cardiac rhythm	Sian Chivers (UK)
17:56 - 18:04	Congenital truncus arteriosus communis pre- and post-natal course	Roland Axt-Flidner (Germany)
18:04 - 18:12	Heart defects: neurodevelopment at 2 years of age	Irene Ribera (Spain)
18:12 - 18:20	IVF conception: fetal cardiac remodelling	Fatima Cripsi (Spain)
18:20 - 18:30	Fetal speckle tracking and pregnancy complications	Iulia Huluta (UK)
18:30 - 18:40	Discussion	

Tuesday 28th June 2022		
09:00 - 13:00	Fetal growth restriction	
	Discussants: Francesc Figueras (Spain), Gerry Visser (Netherlands), Jon Hyett (Australia)	
09:00 - 09:15	Genetic issues	Antoni Borrell (Spain)
09:15 - 09:30	The DESiGN trial	Dharmintra Pasupathy (Australia)
09:30 - 09:45	Competing risks model for prediction of SGA	Ioannis Papastefanou (Greece)
09:45 - 09:55	Validation of first trimester prediction of SGA	Jon Hyett (Australia)
09:55 - 10:10	Early FGR: management	Christoph Lees (UK)
10:10 - 10:25	Late FGR: management	Francesc Figueras (Spain)
10:25 - 10:35	Late FGR: stratification of care	Raffaele Napolitano (UK)
10:35 - 10:45	Diagnosis and outcome of SGA fetuses	Gerard Albaiges (Spain)
10:45 - 11:00	Antenatal corticosteroids in early FGR; why?	Gerry Visser (Netherlands)
11:00 - 11:15	Prevention of SGA newborns by lifestyle interventions	Francesca Croveto (Spain)
11:15 - 11:25	Cardiac and pulmonary function in adults born SGA	Fatima Crispi (Spain)
11:25 - 11:30	Discussion	
11:30 - 12:00	Coffee break	
12:00 - 12:07	Mortality and morbidity of extreme preterm FGR infants	Eduarne Mazarico Gallego (Spain)
12:07 - 12:20	FGR: CNS imaging	Magdalena Sanz (USA)
12:20 - 12:27	Pulmonary vascular reactivity in FGR	Fatima Crispi (Spain)
12:27 - 12:34	Angiogenic factors in pregnancies with SGA fetuses	Erika Bonacina (Spain)
12:34 - 12:46	Placental related stillbirth	Ranjit Akolekar (UK)
12:46 - 13:00	Discussion	
13:00 - 18:30	Fetal ultrasound meets genetics	
	Discussants: Yves Ville (France), Tessa Homfray (UK)	
13:00 - 13:10	Tribute to Eugene Pergament	Mark Evans (USA)
13:10 - 13:25	How to define, validate and register a new syndrome	Caterina Lucano (France)
13:25 - 13:35	Single gene causes of lymphatic-related fetal hydrops	Esther Dempsey (UK)
13:35 - 13:42	1 st trimester combined test using the FMF algorithm in Denmark	Kasper Gadsbøll (Denmark)
13:42 - 13:55	1 st trimester anomaly scan	Jehan Karim (UK)
13:55 - 14:10	Clinical impact of prenatal exome sequencing pathways	Mark Kilby (UK)
14:10 - 14:17	Prenatal Exome Trio in apparently normal fetuses	Shlomo Lipitz (Israel)
14:17 - 14:24	Identification of fetal aneuploidy in circulating trophoblasts	Jiri Sonek (USA)
14:24 - 14:31	Cell based non-invasive testing	Francesca Grati (Italy)
14:31 - 16:00	Lunch break	
16:00 - 16:12	Genome-wide cfDNA test: clinical impact of additional findings	Lisanne Schuurman (Netherlands)
16:12 - 16:19	cfDNA test in triplet pregnancies and vanishing twins	Liona Poon (Hong Kong)
16:19 - 16:26	Confined placental mosaicisms and SGA: meta-analysis	Paolo Cavoretto (Italy)
16:26 - 16:33	Trends of terminations in singletons and twins in the UK	Srividhya Sankaran (UK)
16:33 - 18:30	Presentation of cases: Katia Bilardo (Netherlands), Rabih Chaoui (Germany), Oliver Kagan (Germany), Yves Ville (France), Tessa Homfray (UK)	
18:30 - 18:45	Special lecture: Fetal ultrasound new resolution and dimensions	Bernard Benoit (Monaco)
21:00 - 02:00	Dinner party (busses leave from the conference centre starting at 19:45)	

Wednesday 29th June 2022		
09:00 - 11:30	Topics in maternal - fetal medicine	
	Discussants: Catherine Williamson (UK), Roland Devlieger (Belgium)	
09:00 - 09:15	Maternal hypothyroidism and Graves' disease	Tim Korevaar (Netherlands)
09:15 - 09:30	Warfarin treatment in pregnancy?	Cathy Nelson-Piercy (UK)
09:30 - 09:45	Aortic dissection in pregnancy	Richard Gibbs (UK)
09:45 - 10:00	Cardiomyopathy: genomic and imaging studies	Antonio de Marvao (UK)
10:00 - 10:15	Pregnancy after bariatric surgery	Roland Devlieger (Belgium)
10:15 - 10:30	Cold exposure and childhood obesity	Catherine Williamson (UK)
10:30 - 10:45	Interpregnancy medicine	Annick Bogaerts (Belgium)
10:45 - 10:55	Pre-pregnancy counselling and pregnancy outcomes	Melanie Nana (UK)
10:55 - 11:05	Stillbirth risk in intrahepatic cholestasis of pregnancy	Agata Majewska (UK)
11:05 - 11:15	Chronic histiocytic intervillitis	Surabhi Nanda (UK)
11:15 - 11:30	Special lecture: Acute obstetrical hemorrhage	Offer Erez (Israel)
11:30 - 12:00	Coffee break	
12:00 - 12:30	Gestational diabetes / obesity	
	Discussants: Gerry Visser (Netherlands), Marieta Charakida (UK)	
12:00 - 12:07	Relation between GDM and preeclampsia	Makarios Eleftheriadis (Greece)
12:07 - 12:14	Cardiovascular profile in obese pregnant women	Deesha Patel (UK)
12:14 - 12:21	Vascular phenotype in women with GDM	Tanvi Mansukhani (UK)
12:21 - 12:30	Discussion	
12:30 - 18:00	Preeclampsia	
	Discussants: Liona Poon (Hong Kong), Stefan Verlohren (Germany), Laura Magee (UK)	
	Prediction / surveillance	
12:30 - 12:38	Implementation of 1st trimester screening in Denmark (PRESIDE)	Iben Riishede (Denmark)
12:38 - 12:46	Implementation of 1st trimester screening in Spain (PREVAL)	Maria del Mar Gil (Spain)
12:46 - 12:54	Reduction in FPR by 2nd trimester sFlt-1/PIGF (STOP-PRE trial)	Manel Mendoza (Spain)
12:54 - 13:02	Prediction using artificial intelligence	Yoram Louzoun (Israel)
13:02 - 13:16	Renal involvement in PE	Lizemarie Wium (UK)
13:16 - 13:24	Angiogenic factors and alpha-1-microglobulin in PE and FGR	Lina Youssef (Spain)
13:24 - 13:32	Effect of race on angiogenic marker levels	Argyro Syngelaki (UK)
13:32 - 13:44	Prediction and monitoring in high risk women	Stefan Verlohren (Germany)
13:44 - 13:56	Prediction of adverse outcomes in preeclampsia	Peter von Dadelszen (UK)
13:56 - 14:10	Maternal cardiovascular system in prediction of PE	Marieta Charakida (UK)
14:10 - 14:30	Discussion	
14:30 - 16:00	Lunch break	
	Prevention / management	
16:00 - 16:10	Aspirin delays placental aging	Liona Poon (Hong Kong)
16:10 - 16:17	STATIN trial	Moritz Dobert (Germany)
16:17 - 16:24	Personalized timing of birth at term	Kypros Nicolaidis (UK)
16:24 - 16:36	Management of pregnancy hypertension – CHIPS and CHAP	Laura Magee (UK)
16:36 - 16:50	Novel therapies	Ravi Thadhani (USA)
16:50 - 17:00	Discussion	
	Postpartal consequences of preeclampsia	
17:00 - 17:12	Maternal cardiovascular disease	Liona Poon (Hong Kong)
17:12 - 17:22	Maternal renal dysfunction	Nikos Kametas (UK)
17:22 - 17:35	Prediction of persistent postpartal cardiovascular dysfunction	Veronica Giorgione (UK)
17:35 - 17:50	Interventions to minimize longterm cardiovascular risk	Basky Thilaganathan (UK)
17:50 - 18:00	Discussion	
18:00 - 18:15	Special lecture: Cervical ripening method prior to labour induction	Ben Mol (Australia)
18:15 - 18:30	Special lecture: Placenta accreta spectrum – diagnosis / treatment	Sally Collins (UK)

Thursday 30th June 2022		
09:00 - 09:50	Cytomegalovirus infection	
	Discussant: Yves Ville (France), Anna Gonce (Spain)	
09:00 - 09:08	Effectiveness of valaciclovir for prevention of fetal infection	Yoav Yinon (Israel)
09:08 - 09:16	Biological markers of severe brain damage	Ameth Hawkins-Villarreal (Spain)
09:16 - 09:24	The 'halo' sign	Anna Gonce (Spain)
09:24 - 09:32	Molecular pattern of inflammatory lesions in the fetal brain	Nicolas Bourgon (France)
09:32 - 09:42	Standardized prognostic imaging at midgestation	Yves Ville (France)
09:42 - 09:50	Discussion	
09:50 - 14:30	Fetal neurosonography	
	Discussants: Karina Haratz (Israel), Gustavo Malinger (Israel)	
09:50 - 10:20	Neurosonography and study of the ventricular system	Guillermo Azumendi (Spain)
10:20 - 10:40	Demo of early 2nd and 3rd trimester brain scan	Michael Brusilov (Israel)
10:40 - 11:00	Early diagnosis of CNS anomalies	Roeë Birnbaum (Israel)
11:00 - 11:20	What's wrong with this corpus callosum?	Gustavo Malinger (Israel)
11:20 - 11:30	Early fetal corpus callosum growth	Abeer Masarwa (Israel)
11:30 - 12:00	Coffee break	
12:00 - 12:20	Cortical anomalies: screening, diagnosis and work-up	Karina Haratz (Israel)
12:20 - 12:35	Management of ventriculomegaly	Elisenda Eixarch (Spain)
12:35 - 12:50	Brain asymmetry	Ritsuko Pooh (Japan)
12:50 - 13:00	Brain biometry and neurodevelopment in micro- and macro-cephaly	Eldad Katorza (Israel)
13:00 - 13:10	1st trimester cavum septi pellucidi and cavum veli interpositi	Reinhard Altmann (Austria)
13:10 - 13:22	1st trimester ventriculomegaly association with CNS defects	Nicola Volpe (Italy)
13:22 - 13:35	1st trimester posterior fossa anomalies	Valentina De Robertis (Italy)
13:35 - 14:30	Presentation of cases	Karina and Gustavo (Israel)
14:30 - 16:00	Lunch break	
16:00 - 23:00	Trip to Agios Nikolaos	