



**Learning Objectives:**

1. Learn how to link fetal anomalies with genetic diseases
2. Learn how to identify subtle ultrasound signs associated with genetic anomalies
3. Learn how to guide the type of genetic assessment when facing a structural anomaly
4. Learn how to integrate genetic and imaging to predict perinatal outcome and long-term prognosis

UK BST (UTC+1)	Mins		Invited Faculty (Name and country)
<b>SESSION 1: Genetics and Ultrasound Controversies in genetic testing</b>			
06:00	10	Welcome and Introduction	Prof. Asma Khalil (UK) and Prof. Francesco D'Antonio (Italy)
06:10	20	cfDNA in fetuses with increased nuchal translucency: considerations and pitfalls	Prof. Francesco D'Antonio (Italy)
06:30	20	cfDNA in fetuses with miscarriage	Prof. Antoni Borrell (Italy)
06:50	20	How can AI improve prenatal genetic diagnosis?	Prof. Yves Ville (France)
07:10	20	Prenatal management of abnormal genome-wide NIPT results	Dr Tessa Homfray (UK)
07:30	20	Prenatal genetic testing: latest evidence	<i>tbc</i>
07:50	30	Panel discussion and Q&A	All faculty
<b>08:20</b>	<b>20</b>	<b>Refreshment Break</b>	
<b>SESSION 2: Genetics and Fetal Anomalies</b>			
08:40	20	Prenatal diagnosis, genetic risk and parental counselling in fetuses with midline and posterior fossa anomalies	Prof. Karina Kraijden Haratz (Israel)
09:00	20	Cortical anomalies: how genetics can guide prenatal diagnosis and parental counselling	Prof. Ritsuko Pooh (Japan)
09:20	20	Prenatal diagnosis, genetic risk and outcome of isolated rare brain anomalies	Prof. Roeë Birnbaum (Israel)
09:40	20	Cardiac anomalies and genetics: beyond 22.q11	Prof. Rabih Chaoui (Germany)
10:00	20	Management of monochorionic and dichorionic twins discordant for fetal structural and genetic anomalies	Prof. Asma Khalil (UK)
10:20	20	Prenatal diagnosis and genetic risk in fetuses with renal anomalies	<i>tbc</i>
10:40	20	Ultrasound diagnosis of VACTERL, CHARGE, Tuberous sclerosis, ciliopathy and PHACE syndrome	Prof. Gianluigi Pilu (Italy)
11:00	30	Panel discussion – Live Q&A	All faculty
<b>11:30</b>	<b>40</b>	<b>Refreshment break</b>	
<b>SESSION 3: Genetics and the third trimester</b>			
12:10	20	Molecular autopsy for fetal structural anomalies	Dr Fionnuala Mone (N. Ireland)
12:30	20	Genetic counselling in fetuses with short, long bones	Prof. Sahar Mansour (UK)
12:50	20	Prenatal diagnosis of facial anomalies: ultrasound features and genetic counselling	Dr Prashant Acharya (India)
13:10	20	Genetic risk in early and late fetal growth restriction	A/Prof. Alex Sotiriadis (Greece)
13:30	20	Pregnancy outcome in fetuses with confined placental mosaicism and false positive results on cfDNA testing	<i>tbc</i>
13:50	20	Imaging and molecular diagnostic approach in fetal hydrops	A/Prof. Daniele Di Mascio (Italy)
14:10	30	Case Discussion	Prof. Suresh Seshadri (India)
14:40	30	Final panel discussion – Live Q&A	All faculty
15:10	5	Feedback and close	Prof. Asma Khalil (UK) and Prof. Francesco D'Antonio (Italy)

Please note that this is a provisional schedule subject to change.