

Thanks for their support to:



Prenatal Genetic Diagnosis August 30th to September 5th, 2010 Goldrain, South Tyrol, Italy



DIRECTORS:

A. Schinzel and J. Wisser (Zurich, Switzerland)

FACULTY:

D. Bartholdi (Zurich, Switzerland), A. Baumer (Zurich, Switzerland), E. Blenow (Stockholm, Sweden), T.-H. Bui (Stockholm, Sweden), L. De Catte (Leuven, Belgium), J. Deprest (Leuven, Belgium), S. Hahn (Basel, Switzerland), T. Krones (Zurich, Switzerland), M. LeMerrer (Paris, France), D. Prayer (Vienna, Austria), A. Schinzel (Zurich, Switzerland), B. Steinmann (Zurich, Switzerland), J. Vermeesch (Leuven, Belgium), J. Wisser (Zurich, Switzerland)

PROGRAM:

Monday, August 30th – Arrival at Goldrain

19:00-20:30	<i>Dinner</i>	
20:30-21:00	A. Schinzel	Introduction and organisational comments
21:00-00:00	Get together	Steinkeller

Tuesday, August 31st

Morning Parallel Session Obstetrics: 09:00 – 12:45

09:00-09:35	1	T.-H. Bui	First trimester screening / biochemical
09:40-10:15	2	J. Wisser	Second trimester screening /ultrasound
10:20-10:55	3	L. De Catte	Third trimester screening: growth, hemodynamic
11:00-11:30		<i>Coffee Break</i>	
11:30-12:05	4	De Catte	Techniques for invasive prenatal diagnosis
12:10-12:45	5	T.-H. Bui	Techniques and options for TOP
12:50-14:30		<i>Lunch</i>	

Morning Parallel Session Genetics: 09:00 – 12:45

09:00-09:35	1	A. Schinzel	Basic postnatal cytogenetic diagnosis
09:40-10:15	2	T.-H. Bui	Basic prenatal cytogenetic diagnosis
10:20-10:55	3	D. Bartholdi	Importance and epidemiology of congenital developmental defects
11:00-11:30		<i>Coffee Break</i>	
11:30-12:05	4	D. Bartholdi	Practical genetic counseling
12:10-12:45	5	A. Schinzel	Genetic counselling in the context of prenatal genetic diagnosis
12:50-14:30			

Afternoon Session: From individual case to general principle: 14:30 – 18:00

14:30-15:05	6	L. De Catte	Cardiac defect (VCFS)
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15:10-15:45	7	J. Wisser	Renal malformations (ARPKD)
15:50-16:15		<i>Coffee Break</i>	
16:15-16:40	8	XX	Unclassified MCA/MR syndrome
16:45-17:15	9	J. Wisser	Brain malformations; ARPKD
17:20-18:30	10	D. Bartholdi	Interesting cases
19:00-20:30		<i>Dinner</i>	
20:30-21:15		Students	Students' presentations
22:00-00:00		Get together	Steinkeller

Wednesday, September 1st

Morning Session: 09:00 – 12:45

09:00-09:35	11	T. Krones	Ethical considerations in the context of prenatal genetic diagnosis
09:40-10:15	12	A. Schinzel	Postnatal dysmorphology
10:20-10:55	13	J. Wisser	Prenatal dysmorphology and assessment of congenital developmental defects
11:00-11:30		<i>Coffee Break</i>	
11:30-12:05	14	L. De Catte	Intrauterine transfusion
12:10-12:45	15	J. Wisser	Prenatal sonographic diagnosis: Specific examinations
12:50-14:30		<i>Lunch</i>	

Afternoon Session: 14:30 – 18:00

14:30-15:05	16	M. LeMerrer	Skeletal dysplasias
15:10-15:45	17	J. Wisser	Prenatal diagnosis of skeletal dysplasias
15:50-16:15		<i>Coffee Break</i>	
16:15-17:05	18	J. Wisser	Obstetric indications for PGD and soft markers for aneuploidies during the second trimester
16:15-17:05	19	T. Krones, Faculty, Students	Presentation and discussion of cases with problematic ethical decisions in the context of prenatal diagnosis.
17:10-18:00	20	Students	Learning from errors
19:00-20:30		<i>Dinner</i>	
20:30-21:15	21	J. Vermeesch	Use of genomic databases
21:15-00:00		Get together	Steinkeller

Thursday, September 2nd

Morning Session: 09:00 – 12:45

09:00-09:35	22	A Baumer	Mutation analysis
09:40-10:15	23	B. Steinmann	Biochemical diagnosis
10:20-10:55	24	A. Baumer	When to choose which method: QF-PCR and MLPA
10:40-11:10		<i>Coffee Break</i>	
11:10-11:50	25	J. Vermeesch	Molecular cytogenetics
11:55-12:45	26	S. Hahn	Non-invasive prenatal genetic testing: fetal

D.N.A. / R.N.A. examination from maternal blood

12:50-14:00 *Lunch*

Afternoon

14:00-18:00 Excursion

19:00-20:30 *Dinner*

20:30-00:00 Get together Steinkeller

Friday , September 3rd

Morning Session: 9:00 – 12:45

09:00-09:35 27 **J. Deprest** PD in twins and feto-fetal transfusion
09:40-10:15 28 **L. De Catte** The fetal heart as a window to detect genetic problems
10:20-10:55 29 **J. Deprest** Fetal therapy
11:00-11:20 *Coffee Break*
11:20-11:55 30 **J. Deprest** Fetal therapy, contin.
12:00-12:45 31 **J. Deprest** Selective fetocide
12:50-14:00 *Lunch*

Afternoon Session: 14:00 – 18:00

14:00-14:45 32 **J. Deprest** Invasive therapy of diaphragmatic hernias
14:50-15:50 33 **T.-H. Bui** Innovative fetal interventions
15:50-16:15 *Coffee Break*
16:15-17:05 34 **J. Vermeesch** Prenatal whole genome screening?
17:15-18.30 35 **A. Schinzel** Risks for congenital developmental defects from IVF and ICSI
19:00-20:30 *Dinner* (Törggele-Abend, Steinkeller)
20:30-00:00 Get together Steinkeller

Saturday , September 4th

Morning Session: 9:00 – 12:45

09:00-09:35 36 **E. Blennow** Pre-implantation genetic diagnosis
09:40-10:15 37 **A. Baumer** Issues of imprinting and uniparental disomy at prenatal diagnosis
10:20-10:55 38 **Faculty** Learning from errors: Case presentations: Questionable results
11:00-11:20 *Coffee Break*
11:20-11:55 39 **E. Blennow** Extra small additional chromosomes at P.D.
12:00-12:45 40 **E. Blennow** Issues of mosaicism and chimaerism at P.D.
12:50-14:00 *Lunch*

Afternoon Session: 14:00 – 18:00

14:00-14:45	41	D. Prayer	Prenatal fetal magnetic resonance examination
14:50-15:50	42	Faculty, Students	Learning from errors: examples
15:50-16:15		<i>Coffee Break</i>	
16:15-17:05	43	Students	Questions and discussion
17:15-18.30		Students	EXAMINATION / Questionnaire
19:00-20:30		<i>Dinner</i>	(Törggele-Abend, Steinkeller)
20:30-00:00		<i>Get together</i>	Steinkeller

Sunday, September 5th – Goodby Goldrain

08:00-09:00	<i>Breakfast</i>
09:00-	<i>Checkout and departure</i>