

PROGRAM October 22nd Friday

Precongress (Japanese Session) –胎児神経学のABC(日本語セッション)–				
Time	Chairperson(s)	name	Presentation Title	
12:00 -16:15	Mami Yamasaki Hiroaki Sakamoto	 Hidetuna Utsunomiya	発生学の基礎と画像診断 (Neuronal Development and Neuroimaging)	
		 Mami Yamasaki	大脳、小脳の先天性疾患および水頭症 (Congenital Malformation of the Brain and Hydrocephalus)	
		 KyongHon Pooh	大脳、頭蓋骨の先天性疾患と治療 (Congenital Malformation of The Brain and Skull)	
		 Hiroaki Sakamoto	脊髄の先天性疾患と治療 (Congenital Anomaly of Spinal Cord)	
		 Nobuhiko Okamoto	先天性神経疾患の分子遺伝子学の基礎 (Molecular Biology of Congenital Brain Malformation)	
	<i>Coffee Break</i>			
	Kiyotake Ichizuka Ryu Matsuoka	 Yonehiro Kanemura	神経幹細胞とiPS細胞の基礎 (Neural Stem Cell and iPS)	
		 Hideshi Inoshita	胎児神経超音波画像診断の基礎(正常編) (Fetal Ultrasound Neuroimaging-Basic Knowledge)	
		 Kiyotake Ichizuka	胎児神経超音波画像診断の基礎(異常編) (Fetal Ultrasound Neuroimaging-Abnormal CNS Part 1)	
		 Ryu Matsuoka	胎児神経超音波画像診断の基礎(異常編) (Fetal Ultrasound Neuroimaging-Abnormal CNS Part 2)	
		 Ritsuko K. Pooh	本学会を理解するためのキーワードとコツ (Tips & Keywords for better understanding ISFN)	

6th LAPM Scientific Program - International Symposium on Fetal Neurology -

Time	Chairperson(s)	name	Presentation Title
OPENING CEREMONY of LAPM Scientific Program			
16:30-16:50	Kohei Shiota (Japan) Ritsuko K. Pooh (Japan)	Opening ceremony and welcome address	LAPM history, Osaka Declaration
Presidential lecture			
16:50-17:20	Kazuo Maeda (Japan)	 Erich Saling (Germany)	Presidential welcome and first own approaches to the sensoric and neurological human fetal system
Keynote lectures			
17:20-17:40	Yuji Murata (Japan)	 Asim Kurjak (Croatia)	The beginning of human life and its modern scientific assessment by three-and four -dimensional sonography
17:40-18:00		 Roberto Romero (USA)	Fetal neuroinflammation as a cause of cerebral palsy: A role for molecular imaging and nanotechnology
18:00-18:20		 Kazunobu Sawamoto (Japan)	Directional ciliary beating and CSF flow on the developing ventricular wall
18:20-18:40	Tsuyomu Ikenoue (Japan)	 Robert Brent (USA)	The Risks of ionizing radiation to the developing embryo: The risk of mental retardation
18:40-19:00		 Gregor Kasprian (Austria)	Imaging normal and pathological connectivity of the fetal brain
19:00-19:20	Asim Kurjak (Croatia)	 Milos Judas (Croatia)	Laminar and cellular development of the human fetal telencephalic wall: MRI-histological correlation
19:20-19:40		 Kazuo Maeda (Japan)	Functional Studies on Human Fetal Neurology

PROGRAM October 23rd Saturday

Time	Chairperson(s)	name	Presentation Title
8:40-10:40	Frank Chervenak (USA) Tomoaki Ikeda (Japan)	 Frank Chervenak (USA)	<i>Ethics: An Essential Dimension of Research in Fetal Neurology</i>
		 Tsuyomu Ikenoue (Japan)	<i>Brain Damage and FHR Pattern in Academic and non-academic Fetus</i>
		 Tomoaki Ikeda (Japan)	<i>Perinatal brain damage, bench to bedside</i>
		 Liliana Voto (Argentina)	<i>Antiphospholipid syndrome and fetal neurological impact : the evidence so far</i>
		 Robert Brent (USA)	<i>Folic Acid Prevention of Neural Tube Defects (NTD's); Recent controversies concerning the appropriate amount .of supplementation and the concern about the potential toxicity of folic acid</i>
		 Gian Carlo di Renzo (Italy)	<i>Prevention of neurological morbidity in very preterm newborns</i>
10:40-11:00	Coffee Break		
11:00-12:40	Vance Lemmon (USA) Mami Yamasaki (Japan)	 Pat McAllister (USA)	<i>Pathophysiology of Congenital and Neonatal Hydrocephalus</i>
		 Vance Lemmon (USA)	<i>Functional Genomics: Phenotypic screening of large gene sets to identify genes that regulate axon growth and branching</i>
		 Tze Kin Lau (China)	<i>Application of aCGH in the prenatal and postnatal assessment of neurological anomalies</i>
		 Mami Yamasaki (Japan)	<i>For the establishing of criteria in prenatal diagnosis of intractable fetal brain malformation</i>
		 Yoshitaka Kimura (Japan)	<i>The timing of fetal brain damage and its background gene expression</i>
12:50-13:50	Mami Yamasaki (Japan)	Luncheon Lecture	
		 Hideyuki Okano (Japan)	<i>Strategies for CNS-Regeneration using iPS technologies</i>
14:00-15:20	Milos Judas (Croatia) Kohei Shiota (Japan)	 Milos Judas (Croatia)	<i>Prenatal development of neuronal circuitry (axonal pathways & synaptogenesis) in the human fetal telencephalon</i>
		 Hiroyuki Kamiguchi (Japan)	<i>Lipid-mediated axon guidance in the developing spinal cord</i>
		 Jun Motoyama (Japan)	<i>Midline determination during mammalian brain development</i>
		 Kohei Shiota (Japan)	<i>Etiology and pathoembryology of holoprosencephaly: an Update</i>
15:20-15:50	Coffee Break		
15:50-18:10	Malcolm Levene (UK) Milan Stanojevic (Croatia)	 Manuel Carrapato (Portugal)	<i>Neonatal Brain Ultrasound: A predictor of outcome?</i>
		 Milan Stanojevic (Croatia)	<i>Continuity of neurobehavioral assessment from fetus to neonate</i>
		 Malcolm Levene (UK)	<i>Neurological behavior in the newborn after an acute brain insult</i>
		 Asim Kurjak (Croatia)  Amiel Tison (France)	<i>Could we now detect cerebral palsy antenatally? - Obstetrical point of view - Neonatal point of view</i>
		 Joseph G. Schenker (Israel)	<i>Management of Pregnant Woman with Circulatory and Brain Death</i>
		 Hidenobu Ohta (Japan)	<i>Maternal feeding controls fetal biological clock</i>
		 Aris J. Antsaklis (Greece)	<i>Fetal behaviour in monochorionic twins</i>
18:10-18:40	Discussion		

PROGRAM October 24th Sunday

Time	Chairperson(s)	name	Presentation Title
8:40-10:20	Asim Kurjak (Croatia) Ritsuko K. Pooh (Japan)	 <i>Zehra Nese Kavak (Turkey)</i>	<i>Fetal Neurodevelopment</i>
		 <i>Aida Salihagic Kadic (Croatia)</i>	<i>New advances in understanding neurophysiology of fetal behavior</i>
		 <i>Asim Kurjak (Croatia)</i>	<i>4D sonography in the evaluation of fetal brain function</i>
		 <i>Bernat Serra (Spain)</i>	<i>The beginning of human interaction assessed by 4D ultrasound</i>
		 <i>Birgit Arabin (Germany)</i>	<i>Development of Senses</i>
10:20-10:50	<i>Coffee Break</i>		
10:50-12:10	Apostolos Papageorgiou (Canada) Daniela Prayer (Austria)	 <i>Vincenzo D'Addario (Italy)</i>	<i>Management of fetuses with mild ventriculomegaly</i>
		 <i>Daniela Prayer (Austria)</i>	<i>Magnetic resonance (MR) Methods in Fetal Neurology</i>
		 <i>Ritsuko K. Pooh (Japan)</i>	<i>New aspects of brain disorder</i>
		 <i>Gregor Kasprian (Austria)</i>	<i>In vivo imaging of fetal brain asymmetry</i>
12:20-13:20	<i>Luncheon Symposium</i>		
	Frank Chervenak (USA)	  <i>Asim Kurjak (Croatia) Malcome Levene (UK)</i>	<i>- Discussion - Standardization in Fetal Neurology</i>
	Vincenzo D'Addario (Italy)	 <i>Ritsuko K. Pooh (Japan)</i>	<i>- Live Demonstration - State-of-the-art Ultrasound Neuroimaging</i>
13:40-15:20	Shinji Fushiki (Japan) Yonehiro Kanemura (Japan)	 <i>Kyoko Itoh (Japan)</i>	<i>A neuropathological study on developmental brain anomalies</i>
		 <i>Nobuhito Morota (Japan)</i>	<i>Neurosurgical treatments for spinal malformations after birth</i>
		 <i>Reizo Shirane (Japan)</i>	<i>Neurosurgical treatments for brain malformations after birth</i>
		 <i>Kyu-Chang Wang (Korea)</i>	<i>Enhanced re-closure of surgically induced spinal open neural tube defects in chick embryos by injecting human bone marrow stem cells into the amniotic cavity</i>
		 <i>Yonehiro Kanemura (Japan)</i>	<i>Stem cell research of congenital central nervous system malformations in pediatric neurosurgery</i>
15:20-15:50	<i>Discussion</i>		
15:50-16:00	<i>Closing Ceremony</i>		