XI World Congress of Perinatal Medicine

“Global challenges in maternal and child health: a call to improve outcome through pragmatic implementation of evidence-based care”

Moscow June 19-22, 2013

PRELIMINARY PROGRAM

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Damir Roje, Croatia
Milan Stanojevic, Croatia
Jorges Fabres, Chile
Wednesday, June 19

Precongress Courses

9.00 - 15.30 pm

Precongress Course 1
“Fetus as a Patient”
Moderators: Frank Chervenak (USA), Birgit Arabin (Germany)
Speakers:
Aris Antsaklis (Greece)
Birgit Arabin (Germany)
R. Quintero (USA)
R. Romero (USA) - Diagnosis and treatment of intra-amniotic infection
B. Serra (Spain)

Precongress Course 2
Erich Saling Perinatal School
Moderators: E. Saling (Germany), M. Stanojevic (Croatia)
Speakers:
E. Saling (Germany)
M. Stanojevic (Croatia)
L. Sichinava (Russia)
M. Degtyareva (Russia)
M. Carrapato (Portugal)
L. Cabero Roura (Spain)

Precongress Course 3
Ian Donald School of Ultrasound
Moderators: A. Kurjak (Croatia), E. Merz (Germany)
Speakers:
E. Merz (Germany) - 3D/4D ultrasound: Evaluation of Fetal Malformations in the Second and Third Trimesters.
A. Kurjak (Croatia)
R. Pooh (Japan)
I. Zalud (USA)
C. Sen (Turkey) - Fetal heart and perinatal management
A. Bianchi (Uruguay)
Y. Zalel (Israel)

Precongress Course 4
Advances in Neonatology
Moderators: E. Bancalari (USA), X. Carbonell-Estrany (Spain)
Speakers:
E. Bancalari (USA) - Oxygenation targets in the preterm infant
A. Papageorgiou (Greece) – Intrauterine Growth Restriction: Short and Longterm Implications
M. Levene (UK)
X. Carbonell-Estrany (Spain) - Impact of clinical maternal chorioamnionitis in neurological follow up in low birth weight infants
18.00 - 20.00 pm

**Opening Ceremony**

*Chairpersons: G. Sukhikh (Russia), X. Carbonell-Estrany (Spain)*

E. Baibarina (Russia), G. Sukhikh (Russia), N. Volodin (Russia), X. Carbonell-Estrany (Spain), G.C. Di Renzo (Italy), R. Romero (USA)

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**The Evolution of Perinatal Medicine**

E. Saling (Germany)

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**Progress of Perinatal Medicine in Russia**

T. Yakovleva (Deputy Minister of Health of Russia)

E. Baibarina (Director, Department for Mother and Child Healthcare, Russia)

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**Opening lecture: Maternal and infant care: bridging world inequalities**

F. Bustreo (V. Director General, WHO, Switzerland)

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20.00 – 22.00 **Opening Party**
Thursday, June 20

7.30 - 8.30 am
Oral Presentations: C1-C4

08.30 - 10.30 am
PS1. Plenary Session 1
The prediction, prevention and management of preterm birth and key developments in the prevention of neonatal complications
Chairpersons: R. Romero (USA), E. Baibarina (Russia)

Speakers:
R. Romero (USA) - Cervical length with ultrasound, vaginal progesterone, and cerclage to prevent preterm birth
G.C. Di Renzo (Italy)
L. Cabero Roura (Spain)
J. Figueras Aloy (Spain) - Screening for cytomegalovirus infection in very low birth weight infants
M. Hallman (Finland)

10.30 - 11.00 am
Coffee Break / Poster presentations

11.30 - 12.00 am
SL1. Special lecture 1
Chairperson: G. Savelieva (Russia)

Evidence based medicine in perinatology: which interventions have made a difference? - Z. Alfirevic (UK) -

12.00 - 13.30 pm
PS2. Plenary Session 2
Developmental origins of health and disease: the need to reshape prenatal care
Chairpersons: E. Bancalari (USA), V. Serov (Russia)

Speakers:
U. Simeoni (France)
G. Sukhikh (Russia)
T. Spector (UK) - Epigenetics, twins, and early environments
W. Holzgreve (Germany)
G.P. Donzelli (Italy) - Low birth-weight and autoimmune disorders at an adult age

13.30 – 14.30 pm    Lunch/ Poster view
14.30 – 16.30 pm Parallel Symposia 1-4

S1 Maternal and neonatal nutrition: what is optimal and what is not?
*Chairpersons: TBD, A. Chubarova (Russia)*

*Speakers:*
- I. Cetin (Italy) - The role of micronutrients in pregnancy
- P. Sauer (Netherlands) - Neonatal nutrition, is more better?
- T. Del Moral (USA) – Probiotics a breakthrough in nutrition
- W. Sumpaico (Philippines) - Should we screen for thyroid dysfunction in pregnancy?
- A. Chubarova (Russia) – Nutritional Programming of Adult Diseases

S2 The diagnostic and therapeutic challenges of multiple gestation (from conception to delivery)
*Chairpersons: M. Wielgos (Poland), L. Sichinava (Russia)*

*Speakers:*
- I. Blickstein (Israel) - Mode of delivery of twins: quo vadis?
- R. Quintero (USA)
- J. Deprest (Belgium)
- N. Malhotra (India)
- L. Sichinava (Russia)

S3 Preterm birth around the limits of viability
*Chairperson: M.R.G. Carrapato (Portugal), A. Antonov (Russia)*

*Speakers:*
- A. Greenough (UK)
- B. Sun (China)
- A. Papageorgiou (Greece) - Medical and ethical Issues related to extreme prematurity
- E. Diniz (Brasil)

S4 Novel developments in the understanding and treatment of RDS/chronic lung disease
*Chairpersons: J. Gadzinowsky (Poland), V. Grebennikov (Russia)*

*Speakers:*
- M. Sanchez-Luna (Spain)
- E. Bancalari (USA) - Respiratory support strategies to reduce lung injury and BPD
- K. Bakoula (Greece)
- D. Sweet (Ireland) - The management of RDS in 2013
- V. Carnielli (Italy)

16.30 -17.00 pm Tea break
17.00 -19.00 pm

Parallel Symposium 5-8

S5 Preeclampsia: prediction, prevention and new developments  
Chairpersons: C. Benedetto (Italy), N. Protopopova (Russia)

Speakers:
V. Senikas (Canada)  
G. Dekker (Australia) - Etiology of pre-eclampsia: the role of the father and the fetus  
A. Hernandez (Spain)  
L. Voto (Argentina) - How do we manage pregnancy-induced hypertension?

S6 Perinatal viral disease (CMV, parvovirus, herpes, HIV, RSV)  
Chairpersons: TBD, M.G. Revello (Italy)

Speakers:
G. Nigro (Italy) - Hyperimmunoglobulin for prevention and therapy of fetal cytomegalovirus infection  
T. Duan (China)  
H. Winn (USA) – Current Approach to CMV Infection in Pregnancy  
M.G. Revello (Italy)  
N. Dolgushina (Russia)

S7 Hemodynamic disorders in the neonate  
Chairpersons: TBD, S. Stepanenko (Russia)

Speakers:
G. Greisen (Denmark) - Cerebral oxygenation during intensive care of the preterm infant  
S. Costantinescu (Romania)  
D. Vidyasagar (USA)  
J. Martinez Orgado (Spain)  
D. Kryuchko (Russia)

S8 Fetal and neonatal seizures  
Chairperson: M. Stanojevic (Croatia), N. Zavadenko (Russia)

Speakers:
A. Kurjak (Croatia)  
L. Hellstrom Westas (Sweden)  
M.G. Degtyareva (Russia)  
J. Belik (Canada)  
B. Kramer (Netherlands) - New ideas of treatment for global asphyxia in preterms
Friday, June 21

8.00 -9.00 am
Oral Presentations C 5- C8

9.00 -11.00 am
PS3. Plenary Session 3
Emergencies in the labor and delivery room (obstetrical and neonatal)
Chairpersons: S. Arulkumaran (UK), D. Degtyarev (Russia)

Speakers:
S. Arulkumaran (UK)
M. Robson (Ireland) - Shoulder dystocia – how can we do better
T. Draycott (UK)
L. Zimmermann (NL)

11.00 -11.30 am
Coffee Break /Poster presentations

11.30 -12.00 am
SL2. Special lecture 2
Chairperson: G. Sukhiikh (Russia)

Fetal Intelligent Navigation Echocardiography (FINE), a novel method to examine the fetal heart: we can all do it - R. Romero (USA)

12.00 -13.30 pm
PS4. Plenary Session 4
Birth asphyxia: diagnosis, treatment and prevention (neuroprotection)
Chairpersons: A. Antsaklis (Greece), N. Shabalov (Russia)

Speakers:
O. D. Saugstad - The golden minute: Delivery room handling of the compromised new born
M. Levene (UK) - An international comparison of perinatal outcome - why are we all so different?
I. Amer-Wahlin (Sweden) - Safety culture and birth asphyxia
G. Visser (Netherlands) - Neuroprotection before delivery?
Y. Sato (Japan) - Stem cell therapy for perinatal brain injury

13.30 – 14.30 pm  Lunch/ Poster view
14.30 – 16.30 pm  Parallel Symposium 9-12

S9  Cesarean delivery: indications, new technical developments, and maternal and neonatal consequences of delivery without labor
Chairpersons: A. Grunebaum (USA), V. Krasnopolsky (Russia)

Speakers:
A. Antsaklis (Greece)
F. Chervenak (USA) - Planned home birth: A challenge to perinatal medicine in the developed world
M. Merialdi (WHO Switzerland)
M. Stark (Germany)
D. Skupsky (USA)

S10  Identification and prevention of premature labour and delivery
Chairpersons: F. Stamatian (Romania), D. Farine (Canada)

Speakers:
E. Fonseca (Brazil)
F. Facchinetti (Italy)
B. Chanrachakul (Thailand)
S. Hassan (USA)
Z. Khodzhaeva (Russia)

S11  Perinatal brain injury and long-term developmental disorders: molecular mechanisms, diagnosis and neuroprotection
Chairpersons: G. Greisen (Denmark), T. Batysheva (Russia)

Speakers:
R. Pooh (Japan) - Prenatal detection and neuropathology of fetal brain injury
P. Gressens (France) - Inflammation and perinatal brain damage: pathomechanisms and target for neuroprotection
S. Furukawa (Japan) – New therapeutic approach for perinatal hypoxic-ischemic brain damage; Activation of cholinergic anti-inflammatory pathway
L. Ramenghi (Italy) - Brain vulnerability at different gestational ages
P. Huppi (Switzerland) - Imaging biomarkers of developmental disorders in prematurity
V. Bychenko (Russia)
S12 Neonatal sepsis: diagnosis and treatment
Chairpersons: E. Shinwell (Israel), D. Ivanov (Russia)

Speakers:
C. Speer (Germany) - Neonatal Sepsis: Where are we now?
X. Carbonell-Estrany (Spain) – NICU surveillance and neonatal nosocomial infections
M. V. Degtyareva (Russia)
M.T. Neto (Portugal)

16.30 -17.00 pm  Tea break

17.00 -19.00 pm  Parallel Symposium 13-17

S13 Diabetes and obesity (“Diabesity”) in pregnancy
Chairpersons: A Kapur (Denmark), N. Lhose (Denmark)

Speakers:
M. Hod (Israel)
R. Artal (USA) - Diabetes, Obesity and optimal Gestational Weight gain
Y. Yogev (Israel) - Metabolic syndrome, GDM and obesity in pregnancy – the same disease?
M. Gojnic (Serbia) - Artificial fetus maturation in diabetes
N. Aguilar (Colombia)

S14 Thrombophilia, pregnancy outcome and the role of heparin
Chairpersons: R. Vladareanu (Romania), A. Makatsariya (Russia)

Speakers:
R. Vladareanu (Romania)
J.C. Gris (France)
B. Brenner (Israel)
A. Adra (Lebanon)
E. Ferrazzi (Italy)
A. Makatsariya (Russia)
S15  First trimester ultrasound and screening
Chairpersons: B. Petrikovsky (USA), A. Gus (Russia)

Speakers:
E. Merz (Germany) - The German Approach to Calculating the Risk of Chromosomal Abnormalities in the First Trimester
G. Monni (Italy) - Teaching transabdominal CVS procedures in the first trimester ultrasound and screening - Ha To Nguyen (Vietnam)
T. Wataganara (Thailand)
S. Voevodin (Russia)

S16  Contemporary perinatal screening (from genomics to metabolomics)
Chairpersons: V. Fanos (Italy), A. Tiulpakov (Russia)

Speakers:
G. C. Di Renzo (Italy) - GBS screening should be done intrapartum!
E. Shinwell (Israel) - Early neonatal sepsis: prevention and treatment
J. Bhatia (USA)
V. Fanos (Italy) - Metabolomics in the developing Human being
M. Szymankiewicz (Poland)

S17  Breastfeeding term and preterm infants
Chairpersons: G. Moro (Italy), I. Riumina (Russia)

Speakers:
E.E. Ziegler (USA)
N. Modi (UK) - Human breast milk for term and preterm babies
P. Manzoni (Italy) - Anti-infective and bioactive substances of human milk
A. Guerra De Almeida (Brazil)
G. Moro (Italy)
Saturday, June 22
8.00 -9.00 am
Oral Presentations C9- C12

9.00 -11.00 am
PS5. Plenary Session 5
Novel interventions to improve perinatal outcome
Chairpersons: A. Bianchi (Uruguay), G. Visser (NL)

Speakers:
S. Hassan (USA)
D. Farine (Canada)
R.K. Pejaver (India) – The emergence of CPAP
B.W. Mol (NL)
T. Austin (UK) - Neuroprotection in the preterm infant

11.00 -11.30 am
Coffee Break /Poster exhibition

11.30 -12.00 am
SL3. Special lecture 3
Chairperson: N. Volodin (Russia)

Perinatal imaging: the future
A. Kurjak (Croatia)

12.00 -13.30 pm
Parallel Symposium 18-22

S18 Preterm premature rupture of membranes
Chairpersons: N. Zugaib (Brasil), V. Radzinsky (Russia)

Speakers:
A. Sungkar (Indonesia) - Early self-diagnosis and treatment of bacterial vaginosis to prevent preterm premature rupture of membrane
E. Kovavisarach (Thailand)
E. Kontopoulos (USA)
A. Mikhailov (Russia)
K.Y. Lee (Korea)
Z. Hajek (Czech Republic) - The management of preterm premature rupture of the membranes at the "Gray zone"
S19 Imaging and ultrasound late in pregnancy  
Chairperson: A. Kurjak (Croatia), Z. Papp (Hungary)  

Speakers:  
I. Zalud (USA) - To Doppler or not to Doppler: From pulsed Doppler, to color Doppler, 3D Doppler and beyond  
A. Athanassiadis (Greece)  
A. Bianchi (Uruguay)  
A. Ebrashy (Egypt)  
B. Arabin (Germany)  

S20 Neonatal resuscitation: can oxygen cause damage, and what can be done about it?  
Chairpersons: M. Stanojevic (Croatia), T. Kharchenko (Ukraine)  

Speakers:  
M. Stanojevic (Croatia) - Late preterm infants - neonatologist point of view  
R. Plavka (Czech Republic)  
O.D. Saugstad (Norway) –Unresolved issues in oxygenation of the newborn  
G. Buonocore (Italy)  

S21 Perinatal cardiology: from prenatal diagnosis to neonatal treatment  
Chairpersons: Le Quang Thanh (Vietnam), L. Bokeriya (Russia)  

Speakers:  
N. Radunovic (Serbia)  
C. Sen (Turkey) - Fetal heart and perinatal management  
K. Kuczkowski (USA) - Towards state-of-the-art anesthesia for obstetrics & perinatal medicine: obstacles and opportunities  
E. Bespalova (Russia)  

S22 Maternal mortality and morbidity  
Chairpersons: J. W. Dudenhausen (Germany), E. Ailamazyan (Russia)  

Speakers:  
J.M. Carrera (Spain) - Maternal mortality in Africa -  
A. Cameron (UK) - Scottish Confidential Audit of Severe Maternal Morbidity  
L. Cabero Roura (Spain)  
A. Antsaklis (Greece)  
J. Alonso (Uruguay) -FIGO project Uruguay to prevent maternal death due to unsafe abortion: a successful experience  
L. Adamyan (Russia)
13.30 – 14.30 pm Lunch/ Poster view

14.30 – 16.30 pm
Parallel Symposium 23-27

S23 Maternal haemorrhage (antepartum and postpartum): Proactive management strategies
Chairpersons: G. Breborowicz (Poland), V. Kovalev (Russia)

Speakers:
S. Rosales (Mexico)
C N Purandare (India)
B. Serra (Spain) - General management of postpartum haemorrhage
J. M. Palacios Jaraquemada (Argentina) - Uterine vascular control during shock and coagulopathy
M. Kurtzer (Russia)
Y. Huixa (China)

S24 New technology to assess labor progress and fetal well-being
Chairpersons: TBD, O. Baev (Russia)

Speakers
G. Visser (Netherlands) - Intrapartum fetal surveillance using ST-analysis
K. Kalache (Germany) - Why you may want an ultrasound before attempting an operative vaginal delivery?
T. Leung (Hong Kong) - Position-tracking system for intrapartum monitoring of labour progress: a new tool or toy?
B. Carbonne (France)

S25 Intrauterine growth restriction
Chairpersons: H. Winn (USA), A. Strijakov (Russia)

Speakers:
T. Todros (Italy) - Outcome of early IUGR fetuses
D. Farine (Canada)
I. Kawabata (Japan)
S26 “Late” preterm birth
Chairpersons: J. Mancilla (Mexico), N. Podzolkova (Russia)

Speakers:
C. Benedetto (Italy)
L. Prudent (Argentina)
B. Martinez de Tejada (Switzerland)
H. White (Canada)
D. Prayer (Austria) - MRI of Normal and Pathological Brain Development from Gestational Week 24 onwards

S27 What treatments in perinatology should be abandoned?
Chairpersons: P. Mazmanyan (Armenia), L. Namazova (Russia)

Speakers:
N. Papantoniou (Greece) - Is there any usefulness of fetal blood sampling in the management of Rh isoimmunisation?
J. Fabre (Chile)
H. Kitagawa (Japan)
D. Haumont (Belgium) - The high risk newborn environment (or: Online surveillance of nosocomial infections)

16.45 -17.00 pm

Closing Ceremony
G. Sukhikh (Russia), N. Volodin (Russia), X. Carbonell-Estrany (Spain), A. Antsaklis (Greece), M. Sanchez - Luna (Spain)
Special Sessions to be distributed in the afternoons of the 3 days of Congress

**SS1 European Association of Perinatal Medicine**
Chairpersons: G. Visser (Netherlands), T. Bui (Sweden)

D. Azzopardi (UK)
U. Simeoni (France)
M. Hod (Israel)
O.D. Saugstad (Norway)

**SS2 Perinatology in the Middle East – “Issues in perinatal medicine in the MENA region”**
Chairpersons: A. Adra (Lebanon), J. Haddad (Lebanon)

Obesity and maternal complications - A. Ebrashy (Egypt)
Maternal mortality and morbidity in MENA area - A. Abdelwahed (Jordan)
C-sections rising epidemics - A. Adra (Lebanon)
Consanguinity and the risk of perinatal and neonatal morbidity and mortality - A. Badreldeen (Qatar)
The tiny baby is it a real issue in the region - G. Sami (Egypt)
Issues in maternal and neonatal nutrition - J. Haddad (Lebanon)

**SS3 Chinese/European Network**
Chairpersons: B. Sun (China), C. Speer (Germany)

B. Sun (China)
T. Duan (China)
Y. Huixa (China)
C. Speer (Germany)
C. Hubinont (Belgium)

**SS4 Indian/European Network**
Chairpersons: J. Malhotra (India), G.C. Di Renzo (Italy)

J. Malhotra (India)
G. Clerici (Italy)
C.N. Purandare (India)
N. Malhotra (India)
S. Gupta (India)
M. Hod (Israel)
SS5 Global health
Chairpersons: J.M. Carrera (Spain), B. Arabin (Germany)
J.M. CARRERA - International School of Perinatal Medicine

SS6 Russian Society of Obstetrics & Gynecology
Chairpersons: V. Serov, G. Sukhikh (Russia)

SS7 Russian Association of Perinatal Medicine
Chairpersons: N. Volodin, A. Strijakov (Russia)

SS8 Special Symposium:
Micropsychoanalysis in perinatal medicine
Chairpersons: G. Baldari (Italy), B. Marzi (Italy)
Speakers:
L. Baldari (Italy) - Fetal life and human destiny
U. Honemeyer (UAE) - Fetal behavior and the question of fetal awareness
Q. Zangrilli (Italy) - The intrauterine imprinting

SS9 Special Symposium:
Perinatal Medicine Foundation and Turkish Perinatology Society
Chairperson: C. Sen (Turkey)

SS10 Special Symposium:
WHO-FIGO Workshop:
The ODON device for assisted deliveries
Chairpersons: S. Arulkumaran (UK), M. Merialdi (Switzerland)

SS11 Special Symposium:
Non invasive prenatal diagnosis
Chairpersons: T. Musci (USA), TBD
Speakers:
G.C. Di Renzo (Italy)
T. Musci (USA)
T.H. Bui (Sweden)

SS12 Special Symposium: Hellenic Society of Perinatal Medicine
“Drugs-Smoking- Alcohol and Perinatal Care”
Chairpersons: A. Antsaklis (Greece), K. Bakoula (Greece)
Speakers:
V. Tsapanos - Drugs and Pregnancy
S. Sifakis - Smoking and Pregnancy
A. Gounaris - Fetal alcohol Syndrome
A. Charitou - Breast feeding and drugs