



Congress program

2nd European Spontaneous Preterm Birth Congress

Gothenburg, Sweden,
26th - 28th of May 2016

THURSDAY MAY 26TH

07.00 - 08.15 Registration
Elite Park Avenue Hotel

SCIENTIFIC PROGRAM

Welcome - congress opening

08.15 - 08.35 Congress presidents
Bo Jacobsson and Verena Sengpiel,
Gothenburg, Sweden

Epidemiological aspects of preterm delivery

Chairs: Nancy C. Chescheir, Chapel Hill, USA
and James N Martin, Jackson, USA

08.35 - 09.00 "Epidemiology of preterm birth from a clinician's point of view"
Jan Stener Jørgensen, Odense, Denmark

09.00 - 09.50 "Prevention of preterm birth from an international perspective"
Craig Pennell, Perth, Australia

09.50 - 10.20 Break

Mechanisms of preterm labor and PPROM

Chairs: Montserrat Palacio, Barcelona, Spain
and Felipe Vadillo, Mexico City, Mexico

10.20 - 10.50 "Interactions between the vaginal microbiome, cerclage, progesterone, PPROM and preterm birth"
Phillip Bennett, London, UK

10.50 - 11.20 "Molecular and mechanistic differentiation of spontaneous preterm birth and preterm prelabor rupture of the membranes"
Ramkumar Menon, Galveston, USA

11.20 - 11.50 "Microbial invasion of

the amniotic cavity intra-amniotic inflammation and neonatal outcome"
Teresa Cobo, Gothenburg, Sweden/
Barcelona, Spain

11.50 - 12.20 "The role of inflammation in the onset of preterm labour"
Mark Johnson, London, UK

12.20 - 13.20 Lunch

Prediction of preterm delivery by cervical assessment

Chairs: Eva Pajkrt, Amsterdam, Netherlands
and Miguel Parra-Saavedra, Barranquilla, Colombia

13.20 - 13.50 "Cervical length and prediction of preterm delivery"
Lil Valentin, Lund, Sweden

13.50 - 14.20 "New techniques on cervical assessment"
Helen Feltoovich, Madison, USA

14.20 - 14.50 "Risk stratification in clinical practice: combining biomarkers with cervical length"
Andrew Shennan, London, UK

14.50 - 15.15 "Treatment for cervical pre-invasive disease and the impact on reproduction"
Maria Kyrgiou, London UK

15.15 - 15.45 Break

Oral presentations

Chairs: Ramkumar Menon, Galveston, USA
and Khalid Kahn, London, UK

15.45 - 15.55 "Prediction of cervical shortening and preterm delivery using specific cell free plasma micrornas"
Joanna Cook, London, UK

15.55 - 16.05 "An early, customized, low-glycaemic index (gi) diet prevents adverse

pregnancy outcomes in overweight/obese women"
Petrella Elisabett, Modena, Italy

16.05 - 16.15 "Use of cervical pessary to prevent preterm birth in singleton pregnancies with maternal short cervix after threatened preterm labour: a randomised controlled trial"
Laia Pratcorona, Barcelona, Spain

16.15 - 16.25 "Long-term effects of cervical pessary for preterm birth prevention in twin pregnancy with short cervix: a 3 years follow-up of the protwin trial"
Janneke van 't Hooft, Amsterdam, Netherlands

16.25 - 16.35 "Why progesterone should not be used in women with threatened preterm labor? results of the 4p trial"
Begoña Martinez de Tejada, Geneva, Switzerland

16.35 - 16.45 "Maternal glucocorticoid treatment and the dose-dependent effects on fetal and neonatal outcomes in term and preterm gestations"
Thorsten Braun, Berlin, Germany

16.45 - 16.55 "Impact of microbial-associated intra-amniotic inflammation and "sterile" intra-amniotic inflammation on short-term neonatal outcome in women with preterm labor and intact membranes"
Adriano Rodriguez-Trujillo, Barcelona, Spain

16.55 - 17.05 "Linking the p2x7 pathway with the nlrp3 inflammasome of pregnancy"
Raheela Khan, Nottingham, UK

17.05 - 17.15 Short break

Key note speech

Chair: Kristina Adams Waldorf, Seattle, USA

17.15 - 18.15 "Update on the non-sterile intrauterine environment"
Kjersti Aagaard, Houston, USA

SOCIAL PROGRAM

Welcome reception

Elite Park Avenue Hotel

19.30 Drink will be served in the Conference foyer

20.00 Meet colleagues and experts and enjoy a 2-course dinner with a glass of wine/beer or soda taking place in the Banquet hall at Elite Park Avenue Hotel

FRIDAY MAY 27TH

07.30 - 08.15 Registration
Elite Park Avenue Hotel

SCIENTIFIC PROGRAM

The FIGO/March of Dimes initiative - drivers of preterm delivery

Chairs: Sarah Stock, Edinburgh, UK and Joe Leigh Simpson, MOD, New York, USA

08.15 - 09.00 "The FIGO/MOD initiative - drivers in high income countries"
Bo Jacobsson, Gothenburg, Sweden

09.00 - 09.15 "Differences in preterm delivery rates in Slovenia"
Nataša Tul-Mandić, Ljubljana, Slovenia

09.15 - 09.45 "The role of fetal gender on spontaneous preterm delivery"
Gian Carlo Di Renzo, Perugia, Italy

09.45 - 10.15 Break

Preis School Seminar

Chairs: Gian Carlo Di Renzo, Perugia, Italy and Bo Jacobsson, Gothenburg, Sweden

10.15 - 10.45 "General considerations of prevention strategies in relation to pregnancy outcome"
Khalid Khan, London, UK

10.45 - 11.15 "Prevention of preterm delivery in singletons"
Eduardo da Fonseca, Sao Paulo, Brasil

11.15 - 11.45 "The OPPTIMUM trial - new contributions to the understanding of preterm birth prevention"

Jane Norman, Edinburgh, UK

11.45 - 12.15 "Prevention of preterm delivery in twins"
Ben Mol, North Adelaide, Australia

12.30 - 13.30 Lunch

Lunch symposium - Sponsor: BD Life Sciences, www.bd.com

12.30 - 13.15
"The bacterial vaginosis syndrome and preterm birth: future of diagnosis"
Ronnie Lamont, Odense, Denmark/UK

"Introduction of the BD MAX™ vaginal panel for diagnosis of vaginitis/vaginosis"
Chuck Cooper, BD Diagnostic Systems Medical Affairs/BD Life Sciences, Baltimore, USA

Prevention of preterm brain injury

Chairs: Irina Burd, Baltimore, USA and David Edwards, London, UK

13.30 - 14.00 "Magnesium sulphate for the prevention of preterm brain injury: clinical use and mechanisms of action"
Henrik Hagberg, Gothenburg, Sweden

14.00 - 14.15 Break

Preconception and interconceptional aspects of preterm delivery

Chairs: Christina Vinter, Odense, Denmark and Andrew Shennan, London, UK

14.15 - 14.45 "Preconception and interconceptional care pro/con perspective"
Nancy C. Chescheir, Chapel Hill, USA

14.45 - 15.15 "Social determinants of preterm delivery"

Jennifer Culhane, Philadelphia, USA

15.15 - 15.45 "Precision medicine, the public health and the needs of children and mothers: a critical view from America"
Ronald Bayer, New York, USA

15.45 - 16.15 Break

Poster session

16.15 - 16.45
Chairs: Indira Mysorekar, Saint Louis, USA and Fabio Facchinetti, Modena, Italy

Selected short talks from the Poster presentations

Chairs: Indira Mysorekar, Saint Louis, USA and Fabio Facchinetti, Modena, Italy

16.45 - 16.50 "Association between first trimester cervical consistency index (cci) and preterm birth in low risk population"
Miguel Parra-Saavedra, Barranquilla, Colombia

16.50 - 16.55 "Comparison of vaginal progesterone and arabin pessary for treatment of short cervix in asymptomatic women with high risk pregnancies"
Angharad Care, Liverpool, UK

16.55 - 17.00 "Long term follow-up after abdominal cerclage. a population-based cohort study"
Kirstine Sneider, Hjoerring, Denmark

17.00 - 17.05 "A two-hit hypothesis: prenatal external and immune stress influence expression of stress and inflammation related genes in uterus and hippocampus of rat offspring"
Barbara S.E. Verstraeten, Edmonton, AB, Canada

17.05 - 17.10 "Preterm rupture of the fetal membranes induces vaginal microbial dysbiosis, which is exacerbated by erythromycin treatment"
Richard Brown, London, UK

17.10 - 17.15 "Cesarean section at 22-27 gestational weeks in Sweden, indications, procedures and maternal complications"
Susanne Hesselman, Uppsala, Sweden

Price ceremony

17.15 - 17.20 Price ceremony for best oral and best poster presentation

Zika virus and pregnancy: an update

Chair: Ronnie Lamont, Odense, Denmark/UK

17.20 - 17.50 "Zika virus and pregnancy: an update"
Kristina Adams Waldorf, Seattle, USA and Indira Mysorekar, Saint Louis, USA

SOCIAL PROGRAM

Guided tram tour

We will take the famous old tram Ringlinien from the congress venue and give you a sightseeing tour of the city.

18.25 Short walk together to Valand.
18.45 - 19.30 Guided tour in Gothenburg
19.30 Stop at Korsvägen and short walk to the Museum of World Culture

Banquet

19.30 The Museum of World Culture
In this award-winning building we will enjoy a 3-meal course dinner with wine/beer or soda.
Dresscode: Casual.

SATURDAY MAY 28TH

SCIENTIFIC PROGRAM

Evolutionary and genetic aspects of preterm delivery

Chairs: Bo Jacobsson, Gothenburg, Sweden and Jonas Bacelis, Gothenburg, Sweden

08.00 - 08.45 "Using evolutionary thinking to refine genetic studies of complex disease"

Scott Williams, Cleveland, USA

08.45 - 09.30 "Pathways to preterm birth: insights from human genetics, genomics, and evolution"

Louis Muglia, Cincinnati, USA

Young clinical investigators initiative

Chairs: Lina Bergman, Falun, Sweden and Verena Sengpiel, Gothenburg, Sweden

09.30 - 10.15 "Young clinical investigators initiative: towards a new way of medical conferencing"

10.15 - 10.45 Break

New insights in mechanisms of preterm delivery

Chairs: Raheela Kahn, Nottingham, UK and Phillip Bennett, London, UK

10.45 - 11.15 "Insights into uterine overdistention and preterm birth"

Kristina Adams Waldorf, Seattle, USA

11.15 - 11.45 "Group B streptococcus as

an archetype of infections causing preterm birth"

David Aronoff, Nashville, USA

11.45 - 12.15 "March of Dimes Prematurity Research Centers - chosen from different mechanistic perspectives"

Joe Leigh Simpson, March of Dimes, New York, USA

12.15 - 13.15 Lunch

Child outcome of preterm birth

Chairs: Karin Pettersson, Stockholm, Sweden and Ekkehard Schleißner, Jena, Germany

13.15 - 13.45 "Long-term outcome after extremely preterm birth - EXPRESS study"

Karel Maršál, Lund, Sweden

13.45 - 14.15 "Brain development after preterm birth"

David Edwards, London, UK

14.15 - 14.45 Break

Hot Topics

Chairs: Shilpa Nambiar, Kuala Lumpur, Malaysia and Zarko Alfirovic, Liverpool, UK

14.45 - 15.00 "ATG16L1 governs the syncytial trophoblast barrier to infection in the placenta"

Indira Mysorekar, Saint Louis, USA

15.00 - 15.15 "Antenatal Corticosteroids Beyond 34 weeks"

Cynthia Gyamfi-Bannerman, Columbia, USA

15.15 - 15.30 "The vaginal microbiome

and preterm birth"

Ronnie Lamont, Odense, Denmark

15.30 - 15.45 "Obesity and spontaneous preterm birth - the role of lifestyle intervention"

Christina Vinter, Odense, Denmark

15.45 - 16.00 "Non-invasive characterization of intra-amniotic environment in preterm prelabor rupture of membranes"

Marian Kacerovsky, Prague, Czech Republic

Announcement of 3rd ESPBC

16.00 - 16.10

Bo Jacobsson, Gothenburg, Sweden

The gaps - summary and how to proceed

16.10 - 16.30 "The gaps - summary and how to proceed"

Bo Jacobsson, Gothenburg, Sweden

16.30 Congress ends