

This is a symposium arranged by EpiHealth (www.med.lu.se/epihealth), in collaboration with the WHO Collaborative Centre (CC) in Lund, Sweden

“Reproductive epidemiology in a life course perspective”

Dates: 29-30 March, 2012

Venue: Jubileumsaulan, University Hospital, Malmö, Sweden

Organising Committee:

Karin Källén, Karel Marsal, Anna Rignell-Hydbom, Lund
Peter M Nilsson (chair), Kristina Sundquist, Malmö
Liisa Byberg, Uppsala

Thursday March 29, between 10:00-17:00

Introduction: Peter M Nilsson introduces Petra Otterblad, MFR Socialstyrelsen, Gunta Lazdane, WHO Copenhagen, and Karel Marsal, WHO centre in Lund.
(15 min)

Session 1: *Register findings regarding intrauterine exposures and neonatal outcomes*

Chair: Karin Källén + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- Bengt Källén, Lund: Studies on drugs during pregnancy – methodological aspects
- Sven Cnattingius, Stockholm: Nicotine exposure during pregnancy
- Maria Blomberg, Linköping: Maternal obesity and neonatal outcome

Session 2: *Infertility and IVF: results and long-term outcomes*

Chair: Nils-Otto Sjöberg, Malmö + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- Aleksander Giwercman, Malmö: Male fertility as a marker of disease risk
- Pia Saldén, Malmö: Clinical practices in IVF; developments over time
- Karl-Gösta Nygren: Trends in IVF outcome in Sweden

Session 3: *SGA or preterm – implications for long-term health*

Chair: Mikael Norman, Stockholm + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- Kristina Sundquist, Malmö: SGA and pre-term birth consequences for health – findings based on national registers
- Anna-Karin Bonamy, Stockholm: Pre-term birth and cardiovascular changes
- Liisa Byberg, Uppsala: The Uppsala Family Study and Birth Cohorts

Session 4: *Ultrasound screening during pregnancy - parental reactions and health consequences*

Chair: Anna-Karin Dykes, Lund + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- David Ley, Lund: Intra-uterine growth retardation (IUGR) – background, measurements and consequences
- Kjell Salvesen, Trondheim: Antenatal exposure for ultrasound and postnatal development
- Maria Ekelin, Lund: Parents’ expectations, experiences and reactions to a routine ultrasound examination during pregnancy - normal and abnormal findings.

State-of-the Art 1: *The Mis-Match hypothesis revisited*
Mark Hanson, Southampton, UK (30 minutes)

19:00 Symposium Dinner

Friday March 30; between 08:30-14:00

Session 5: *Environmental and toxic effects influencing pregnancy outcomes*

Chair: Anna Rignell-Hydbom, Lund + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- Thorhallur Halldorsen, Iceland: Long term effects of in utero exposure to perfluorinated chemicals and female reproduction
- Helle Raun Andersen, Odense: Growth and pubertal development in children prenatally exposed to modern pesticides
- Lars Rylander, Lund: Paternal cancer and childhood health

Session 6: *Cognitive epidemiology – linking early life with adult health*

Chair: Peter M Nilsson, Malmö + 3 speakers (20 min + 5 min questions/each) = 1.5 hours

- Finn Rasmussen, Stockholm: Associations between poor condition at birth, cognitive performance and socio-economic position in young adulthood
- David Batty, UK: Cognitive function and other psychological variables in relation to adult health and social outcomes
- Maria Råstam, Lund: A perspective from child psychiatry

State-of-the Art 2: *The Finnish experience – Fetal programming and life course perspective*
Johan Eriksson, Helsinki, Finland (30 minutes)

Session 7: *Future research directions*

Chair: Karel Marsal, Lund + 5 participants (panel debate) = 1 hour

Johan Eriksson, Mark Hanson, Gunta Lazdane, Karin Källén, Kristina Sundquist

Summary and conclusion. Awards for best poster presentations

Peter M Nilsson, Karin Källén (15 min)

Posters will be put on display during the whole symposium. Young researchers are invited to submit abstracts for poster presentation. A poster prize will be awarded (5000 SEK for best, 3000 SEK for second best, and 2000 for third best, as selected by the Organising Committee).

Deadline for abstracts from lecturers and poster presenters is March 1, 2012. A booklet with all abstracts will be printed.

Contact person for practical details and registration:

Research administrator Camilla Key

Mail: Camilla.key@med.lu.se

Phone: +46-40-33 23 01