

# **Advanced course in Forensic Paediatric Medicine**

## **Soria Moria, October 6-8, 2005**

### **Preliminary programme**

#### **Thursday October 6<sup>th</sup>**

#### **Diagnosing sudden unexpected death in infancy**

*Chairpersons: Martin Schlaud and Åshild Vege*

- 08.30: Registration
- 09.00: Autopsies – necessary in cases of SUDI?  
*Ed Mitchell and Roger W Byard*
- 09.30: Changing epidemiology of SUDI  
*Martin Schlaud*
- 09.45: The grey zone cases, a challenge when investigating SUDI.  
*Åshild Vege*
- 10.00: Investigation of sudden deaths in infancy and childhood –  
minimum requirements.  
*Jytte Banner*
- 10.15: Advanced radiologic techniques – do they blur the picture?  
*Jostein Westvik*
- 10.45: Coffee break

#### **Death scene investigation is it necessary?**

#### **An interdisciplinary challenge or a police matter?**

*Chairpersons: Peter Fleming and Lisbeth Sveum*

- 11.00: The significance of examining the death scene.  
*Lisbeth Sveum*
- 11.15: Up-date after the German study and the future.  
*Jan Sperhake*

- 11.30: Up-date after the Norwegian Child Death project – different permanent models possible.  
*Torleiv Ole Rognum*
- 11.40: Death scene investigation. Time for qualitative studies to generate new hypothesis?  
*Peter Blair*
- 12.00: Lunch
- 13.00: Interviewing parents and children – who is qualified?  
*Lisbeth Sveum, Peter Fleming, Annika Maria D Melinder*
- 14.00: Experiences from death scene investigations and reconstructions – have we got any further?  
*Torleiv Ole Rognum, Thomas Bajanowski*
- 14.30: Coffe break

### **Trigger mechanisms in SIDS**

*Chairpersons: Peter Gaustad and Toshiko Sawaguchi*

- 15.00: The thermal stress, why is it dangerous for infants?  
*Peter Fleming*
- 15.20: Bacteria as potential triggers of the cytokine cascade.  
*Peter Gaustad*
- 15.40: Are there morphological evidences for apnoeas, thermal stress and cytokine effects in SIDS?  
*Toshiko Sawaguchi*
- 16.00: End of day
- 20.00: Dinner

## Friday October 7<sup>th</sup>

### Sudden cardiac death

*Chairpersons: Henry F Krous and Marianne Arnestad*

- 09.00:       Hearth arrhythmias and sudden cardiac death.  
*Peter Schwartz*
- 09.35:       LQTS and SIDS – should we test all cases of sudden unexpected  
death?  
*Marianne Arnestad*
- 09.50:       Should all infants be screened using ECG?  
*Andreas Früh*
- 10.05:       Metabolic disease with implications for heart function.  
*Terje Rootwelt*
- 10.30:       Coffee break
- 11.00:       Myocarditis – are bacteria/virus - when present, always the cause of  
death?  
*Henry F Krous*
- 11.20:       Cardiovascular malformations and sudden death in infancy/early  
childhood, an overview.  
*Petra Rosten Almqvist*
- 11.35:       “The sudden death gene”  
*Siri Hauge Opdal*
- 12.00:       Lunch

## **How do we handle information about gene findings?**

*Moderator: Torleiv Ole Rognum*

- 13.00: Positive gene findings – how do we approach the berieved family?  
*Berge Solberg*
- 13.20: **Panel discussion** on the ethics of informing families about potentially lethal genetic factors.  
*(Schwartz, Früh, Solberg, Krous, Rootwelt)*
- 14.00: Coffee break

## **SUDI and stillbirths – possible death mechanisms**

*Chairpersons: Thomas Bajanowski and Roger W Byard*

- 14.15: Apnoea and SIDS – is there a link?  
*Christian Poets*
- 14.35: The triple risk /fatal triangle – is it an obstacle for further progress in SIDS research?  
*Thomas Bajanowksi, Rogery W Byard, H Krous, Torleiv Ole Rognum*
- 15.00: Starvation – a difficult diagnosis?  
*Roger Byard*
- 15.20: Unexplained stillbirths – intrauterine SIDS? – Update from the first international stillbirth alliance conference  
*Marianne Arnestad*
- 15.40: A pathologist's view on unexplained stillbirth – can knowledge of SIDS research be helpful generating new hypothesis concerning cause of stillbirths?  
*Helge Scott and Torleiv Ole Rognum*

## **16.00 – 18.00: ISPID general assembly**

20.00: Dinner

## **Saturday October 8<sup>th</sup>**

### **Current hot topics in SIDS research**

*Chairpersons: Ed Mitchell and Arne Stray-Pedersen*

- 09.00: Is co-sleeping an independent risk-factor for SIDS?  
*Ed Mitchell*
- 09.20: Different ways of co-sleeping, - what is really dangerous?  
*Arne Stray-Pedersen*
- 09.35: An update on brain research in SIDS.  
*Toshiko Sawagushi*
- 09.55: Free paper session