

# Pediatric Forensic Medicine and Clinical Forensic Medicine

## Soria Moria, May 22-24, 2019

Address: Voksenkollveien 60, Oslo

Department of Forensic Medicine, Section of Pediatric Forensic Medicine  
Oslo University Hospital

### Program

#### Wednesday May 22<sup>nd</sup>

09.00: Registration.

10.00: Welcome and introduction.

#### **10.05: Sudden unexplained deaths in infants and children**

Chair persons: *Ed Mitchell and Fern Hauck.*

10.10: *Fern Hauck*: Sudden unexplained death in infants and children. A global perspective.

10.40: *Alice Lund and Åshild Vege*: Trends in cause and manner of sudden unexpected deaths in infants in Norway 1984-2017.

11.00: *Silje Osberg*: Risk factors: Co-sleeping revisited; how common is co-sleeping?

11.15: Coffee break

#### **11.00: Round table discussion: Best practice - death scene investigation:**

Moderator: *TO Rognum.*

*Short presentations:*

*Ed Mitchell*: Experiences from New Zealand

*Joanna Garstang*: Experiences from England

Norway: *Lars Danielsen,*

Discussants: police attorney *Hilde Hermanrud Strand*, crisis psychologist *Pål Kristensen*,  
*Trine G Kalstad* (The Norwegian SIDS and Stillbirth Society).

#### **12.30: Lunch**

#### **13.30: Gray zone cases: How do we classify them?**

Presentation of difficult cases - grey zone cases (*several presenters*)

Chair: *Roger Byard*

14.40: *Marta Cohen*: Statistical correlation with seizures and the hippocampus in SUDC and the position of death.

15.10: Coffee break

15.20: Plenary discussion: Should co-sleeping be discouraged in small infants?

Moderator *Trine Kalstad* (The Norwegian SIDS and Stillbirth Society)

Short Input by: *Ed Mitchell, Joanna Garstang, Silje Osberg and Arne Stray-Pedersen*

**16.00: Option for young scientists**

*Roger Byard*: Entertainment piece "Historical Forensics".

**Thursday May 23rd**

**09.00: SIDS and genetics**

Chairpersons: *Siri Hauge Opdal* and *Robin L. Haynes*

09.05: *Robin L. Haynes*: Biomarkers of SIDS: a concept for understanding the mechanism?

09.35: *Siri Hauge Opdal*: SIDS: a vicious circle ending in irreversible hypoxia.

10.00: *Linda Ferrante*: Immunological protein profiles in SIDS.

10.15: Plenary discussion.

10.45: Coffee break

11.00: *Jan Ramirez*: From gene discovery, big data to breathing monitors - a team effort to better understand the causes of SIDS". Brief overview of the co-operation with Microsoft.

11.40: *Chelsea Pagan*: Genome sequencing: A way of solving SIDS once and for all?  
Or a story about the logistics and difficulties of setting up the genetic testing of SIDS cases.

12.05: Plenary discussion

**12.30: Lunch**

**13.30: Understanding SIDS by brain research**

Chair persons: *Robin Haynes* and *Roger Byard*

13.35: *Roger Byard*: Brain stem studies.

13.55: *Robin L Haynes*: Hippocampal studies in SIDS.

14.15: *Johanna Marie Lundesgaard Eidahl*: Aquaporin 4 and brain swelling in SIDS.

14.30: Coffee break

**14.45: Fighting sudden unexpected infant - and child death**

*Chairpersons Fern Hauck and Peter Blair*

14.50: *Rachel Y Moon*. Knowledge of ambient risk factors and/or genetic risk factors- is it sufficient to prevent the external risk factors?

15.20: *Peter Blair*: The importance of reproducible classification.

15.40: *Anna Pease*: Comparing international SIDS rates.

16:00: Discussion

**16.30: Option for young scientists**

Roger Byard: "How do I publish my work" - an overview of how to get work published.

**Friday May 24th**

**09.00: Controversies on abusive head trauma**

*Chairperson: Karen Rosendahl*

09.05: Maninder Singh Chawla: Abusive head trauma.

09.25: Maninder Singh Chawla: Hygromas in infants – can they mimic subdural hematomas?

09.00: *Ellen Regine Olsrud and Bianca Therese Lund-Melcher*: The subarachnoidal space – what is the normal size?

10.10: *Karen Rosendahl*: Osteoporosis in infants and small children – frequency and potential disposition for fractures?

10.35: Coffee break

10.45: *Mary Jo Vollmer- Sandholm*: Routines for Investigation of head traumas in children in Norway compared with California.

10.55: *Arne Stray-Pedersen*: Differential diagnostic considerations in cases with the triade in absence of other visible injuries.

11.10: Difficult cases (several participants).

**11.45: Free paper session**

*Chair persons: Jan Ramirez and Arne Stray-Pedersen*

**13.00: Lunch**

Have a safe trip home!