2ND SYMPOSIUM MEETING ON GENES, REPRODUCTION AND DEVELOPMENT
9-10 MAY 2017

AIAS SYMPOSIUM
TUESDAY, 9 MAY

08.30 – 09.00  Registration

09.00 – 09.10  Welcome by Morten Kyndrup, Professor and Executive Director of AIAS

Session 1: Ovarian Physiology (Chair: Emil Hagen Ernst)
09.15 – 09.50  Stephen Franks, MD, Professor, Imperial College, London
“Polycystic ovary syndrome: linking reproductive and metabolic dysfunction”

09.55 – 10.25  Jan Blaakær, MD, Professor, Department of Gynecology and Obstetrics, Odense University Hospital
“Ovulation and ovarian cancer”

10.30 – 11.00  Coffee break

Session 2: Ovarian Follicle development (Chair: Agnete Larsen)
11.05 – 11.40  Kate Hardy, Professor, Imperial College, London
“TBA”

11.45 – 12.15  Emil Hagen Ernst, MD, PhD student, Aarhus University Hospital
“TBA”

12.15 – 13.00  Lunch, the AIAS Hall

Session 2: Continued... Ovarian Follicle development (Chair: Agnete Larsen)
13.05 – 13.35  Erik Ernst, MD, Professor, The fertility Clinic and Department of Clinical Medicine, Aarhus University Hospital
“Fertility preservation in male and females before gonadotxic treatment for cancer”
TUESDAY, 9 MAY

13.40 – 14.10  **Marie Louise Grøndahl**, Herlev Fertility Clinic  
“Gene expression in the human follicle – temporal and spatial differences”

14.15 – 14.30  Coffee Break

**Session 3:**  **Embryos and Implantation (Chair: Lone Sunde)**
14.35 – 15.10  **Eva Hoffman**, Professor, Department of Cellular and Molecular Medicine, University of Copenhagen  
"Understanding heterogeneity and aneuploidy in human oocytes and preimplantation embryos"

15.15 – 15.45  **Agnete Larsen**, Associate professor Department of Biomedicine, Aarhus University  
“Zinc and Early Development”

15.45 – 16.15  **Mette Nyegaard**, Associate professor Department of Biomedicine, Aarhus University  
“Molecular changes as response to endometrial scratching”

16.15 – 17.30  Refreshments, Hall

18.00 -  Dinner, Komfur, Guldsmedgade 38-40, 8000 Aarhus C  
http://www.restaurantkomfur.dk/ (for speakers only)
WEDNESDAY, 10 MAY

Session 4: Clinical Genetics (Chair: Karin Lykke-Hartmann)
09.00 – 09.40 Deborah Mackay, MD, Professor, Southampton University, UK
“The genetics of epigenetics: lessons from imprinting disorders”

09.45 – 10.15 Claus Gravholt, MD, Professor, Aarhus University Hospital
“Comparative studies of sex chromosome aneuploidies – What can we learn?”

10.20 – 10.50 Coffee break

10.55 – 11.30 Lars Bolund, MD, Professor, Aarhus University
“Early Development and Regenerative Medicine: Can we learn anything from transcriptome analyses of regeneratively competent salamanders in comparison with less competent pigs and humans?”

11.35 – 12.05 Lone Sunde, MD, Professor, Department of Clinical Medicine, Aarhus University Hospital and Department of Biomedicine, Aarhus University
“Mapping of genes relevant to early differentiation”

12.10 – 13.00 Lunch
WEDNESDAY, 10 MAY

Session 5: Reproductive Genetics (Chair: Mette Nyegaard)
13.05 – 13.35 Julieta Goenaga, Fellow, Aarhus Institute of Advanced Studies, AIAS, Aarhus University
“Seminal fluid proteins”

13.40 – 14.10 Claus Oxvig, Professor, Department of Molecular Biology and Genetics, Aarhus University
“TBA”

14.15 – 14.45 Karin Lykke-Hartmann, Associate professor, Department of Biomedicine and Department of Clinical Medicine, Aarhus University.
“Maternal NOD-like receptors in Development”

14.50 Closing Remarks, by Karin Lykke-Hartmann

15.00 Coffee and final discussion in the Hall
NOTES:
SUPPORT
The Carlsberg Foundation
Aarhus Institute of Advanced Studies

ORGANIZER
Karin Lykke-Hartmann, AIAS Former Fellow, Associate Professor
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