



9th Copenhagen Workshop on ENDOCRINE DISRUPTERS

2017 • MAY 2-5

PRELIMINARY SCIENTIFIC PROGRAMME FOR COW2017

TUESDAY 2 MAY

13.00 - 14.00 REGISTRATION AND SANDWICHES

14.00 - 15.50 OPENING

Chaired by: Anna-Maria Andersson & Anders Juul

- 14.00 - 14.20 1 Welcome and introduction to the Workshop
Anna-Maria Andersson, Rigshospitalet, Denmark
- 14.20 - 14.45 2 Trends in cancer in sex hormone target organs
Hans Storm, Danish Cancer Society, Denmark
- 14.50 - 15.15 3 Recent trends in semen quality: Carlsen et al. revisited
Hagai Levine, Hadassah-Hebrew University School of Public Health, Israel
- 15.20 - 15.45 4 Fetal origin of reproductive function
Niels Erik Skakkebaek, Rigshospitalet, Denmark

15.50 - 16.30 COFFEE BREAK

16.30 - 18.35 MALE REPRODUCTION

Chaired by: To be announced

- 16.30 - 16.55 1 Parental occupational exposures to organic solvents and metals and risk of testicular cancer in sons
Johanni Hansen, Danish Cancer Society, Denmark
- 17.00 - 17.20 2 Decline in semen quality among Chinese men
Huang Chuan, Central South University, China
- 17.25 - 17.45 3 Prenatal phthalate exposure and adult male reproductive function
Roger Hart, University of Western Australia, Australia
- 17.50 - 18.10 4 Anogenital distance in relation to male reproductive parameters
Lærke Priskorn, Rigshospitalet, Denmark
- 18.15 - 18.30 5 Personal care products as a source of phthalate and paraben exposure in men
Feiby Nassan, Harvard University, USA

18.40 - 20.00 GET TOGETHER RECEPTION AND POSTER SESSION



WEDNESDAY 3 MAY

8.30 - 10.00 NON-GENOMIC EFFECTS OF EDCs

Chaired by: To be announced

- 8.30 - 8.55 1 Non-genomic effects of EDCs on sperm cells
João Ramalho-Santos, University of Coimbra, Portugal
- 9.00 - 9.25 2 Spermatozoan ion channels and male fertility
Jean-Ju Chung, Yale University, USA
- 9.30 - 9.55 3 Mechanisms of effects of progesterone and EDCs on CatSper channels in sperm cells
Timo Strünker, University of Münster, Germany

10.00 - 10.30 COFFEE BREAK

10.30 - 12.00 NON-GENOMIC EFFECTS OF EDCS (continued)

- 10.30 - 10.55 4 The endocannabinoid system as a possible target for external exposures
To be confirmed
- 11.00 - 11.15 5 Effects of EDCs on sperm function
Anders Rehfeld, Rigshospitalet, Denmark
- 11.20 - 11.45 6 Non-genomic effects of BPA in the heart
Hong-Sheng Wang, University of Cincinnati, USA
- 11.50 - 12.00 7 General discussion on EDCs and non-genomic effects

12.00 - 12.40 LUNCH

12.40 - 13.00 GROUP PHOTO

13.00 - 14.50 MALE REPRODUCTION –INSIGHT FROM ANIMAL AND EXPERIMENTAL STUDIES

Chaired by: To be announced

- 13.00 - 13.25 1 An alternative approach for ranking chemicals for in vivo testing in terms of their effects on male reproductive health
Anne Marie Vinggaard, Technical University of Denmark, Denmark
- 13.30 - 13.50 2 Analgesics and endocrine disruption: Latest evidences in the adult humans
David Møbjerg Kristensen, University of Copenhagen, Denmark
- 13.55 - 14.15 3 Analgesics and endocrine disruption: Latest evidences in the human foetus
Bernard Jegou, INSERM, France
- 14.20 - 14.45 4 Temporal trends and environmental influences on semen quality in the dog
Richard Lea, University of Nottingham, UK

14.50 - 15.15 COFFEE BREAK

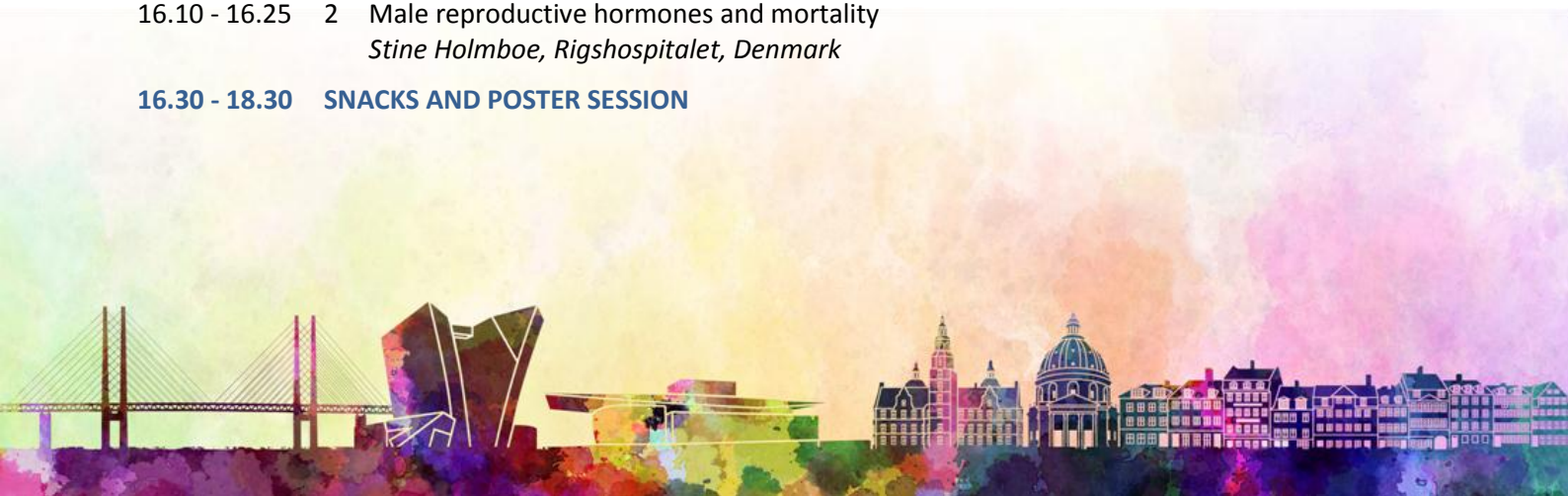
15.15 - 15.45 MALE REPRODUCTION - INSIGHT FROM ANIMAL AND EXPERIMENTAL STUDIES (continued)

- 15.15 - 15.40 5 Mixture effects of anti-androgens and oestrogens on reproductive development of male rats
Sofie Christiansen, Technical University of Denmark, Denmark

15.45 - 16.25 MALE REPRODUCTION AND HEALTH

- 15.45 - 16.05 1 Semen quality and subsequent hospitalization
Rune Jacobsen, University of Southern Denmark, Denmark
- 16.10 - 16.25 2 Male reproductive hormones and mortality
Stine Holmboe, Rigshospitalet, Denmark

16.30 - 18.30 SNACKS AND POSTER SESSION



THURSDAY 4 MAY

8.30 - 10.10 FEMALE REPRODUCTION

Chaired by: To be announced

- 8.30 - 8.45 1 Running out of eggs? Early EDC exposure alters ovarian follicle reserves in rats
Julie Boberg, Technical University of Denmark, Denmark
- 8.50 - 9.15 2 Perfluorinated compounds and women's reproductive health: a preconception cohort study
Jim Zhang, Shanghai Jiao Tong University School of medicine, China
- 9.20 - 9.45 3 The exposome and impaired fecundity: EWAS data from the LIFE study
Germaine Buck Louis, National Institute of Health, USA
- 9.50 - 10.05 4 Short oral presentation: *to be announced*

10.10 - 10.40 COFFEE BREAK

10.40 - 12.05 EMBRYOGENESIS AND PLACENTA FUNCTION

Chaired by: Thaddeus Schug, NIEHS, USA

- 10.20 - 10.50 1 Systems Toxicology of Embryo Development
Thomas B Knudsen, Environmental Protection Agency, USA
- 10.55 - 11.20 2 Placenta as a target organ for EDCs: an AOP perspective
Alberto Mantovani, Istituto Superiore di Sanità, Italy
- 11.25 - 11.40 3 Sexually dimorphic action of phthalates on placental function
Jennifer Adibi, University of Pittsburg, USA
- 11.45 - 12.00 4 Short oral presentation: *to be announced*

12.05 - 12.45 LUNCH

12.45 - 14.15 CHILD HEALTH AND SEXUAL MATURATION I

Chaired by: To be announced

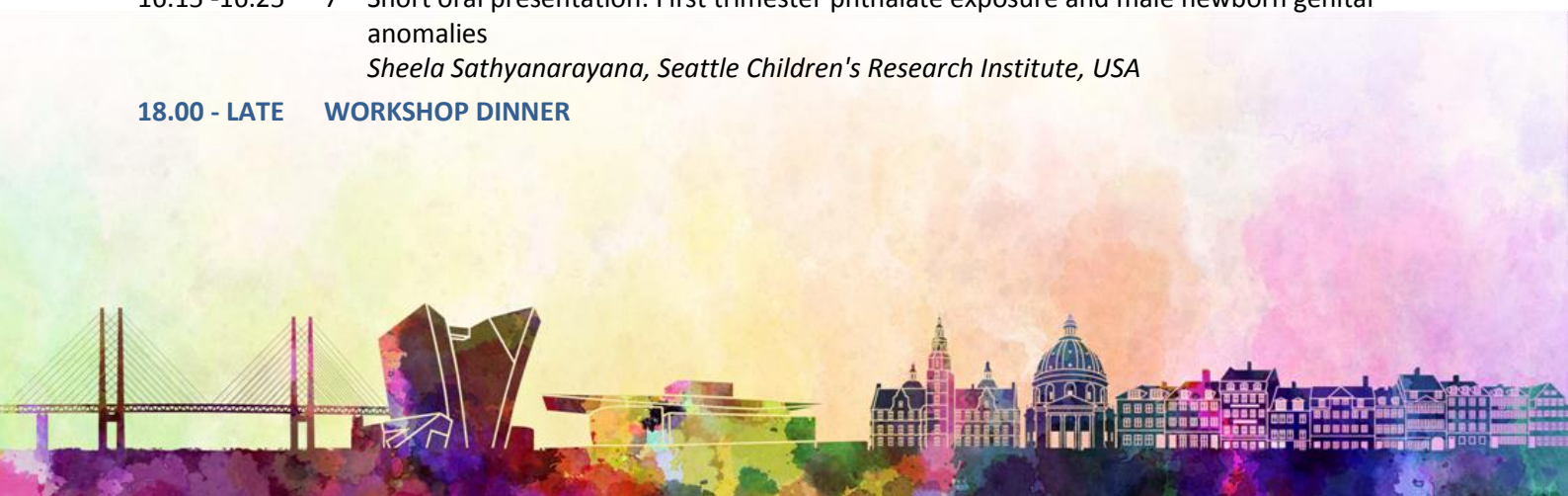
- 12.45 - 13.10 1 Neuro-physiological development in children in relation to prenatal exposure
Tina Kold Jensen, University of Southern Denmark, Denmark
- 13.15 - 13.40 2 Prenatal exposure to phthalates and language delay: Results from Europe and the US
Shanna Swan, Mt Sinai, USA
- 13.45 - 14.10 3 Prenatal exposure to paracetamol, co-exposure to phthalates, and language delay in SELMA
Carl-Gustaf Bornehag, Karlstad University, Sweden

14.15 - 14.45 COFFEE BREAK

14.45 - 16.30 CHILD HEALTH AND SEXUAL MATURATION I (continued)

- 14.45 - 15.10 4 Prenatal exposure to phenols and behavior in boys at 3 and 5 years
Claire Philappat, University of Grenoble -INSERM, France
- 15.15 - 15.40 5 In utero mouse model of BPA exposure: Physiology, behavior and epigenetics
Marisa Bartolomei, University of Pennsylvania, USA
- 15.45 - 16.10 6 Exacerbation of ED effects of environmental pollutants by coincident exposure to pharmaceuticals
Pierre Gaudriault, INSERM, France
- 16.15 - 16.25 7 Short oral presentation: First trimester phthalate exposure and male newborn genital anomalies
Sheela Sathyanarayana, Seattle Children's Research Institute, USA

18.00 - LATE WORKSHOP DINNER



FRIDAY 5 MAY

9.00 - 10.35 CHILD HEALTH AND SEXUAL MATURATION II

Chaired by: To be announced

- 9.00 - 9.25 1 Longitudinal exposure to phenols, UV filters and parabens in children and adolescents and effects on sexual maturation - Copenhagen puberty study
Hanne Frederiksen, Rigshospitalet, Denmark
- 9.30 - 9.45 2 Effects of EDCs on the peri-pubertal epigenome
Kristian Almstrup, Rigshospitalet, Denmark
- 9.50 - 10.10 3 Ovarian function in adolescence – effect of prenatal exposure
Maria Assens, Rigshospitalet, Denmark
- 10.15- 10.30 4 Analgesics and development of female reproductive organs
David Møbjerg Kristensen, University of Copenhagen, Denmark

10.35 - 11.00 COFFEE BREAK

11.00-11.45 CHILD HEALTH AND SEXUAL MATURATION II (continued)

- 11:00-11:25 5 Environmental exposures and pubertal outcomes in Chilean children
Anita Pereira, University of Chile, Chile
- 11:30-11:40 6 Short oral presentation: Biomonitoring reveals high exposure to a rare and potent phthalate and other nonpersistent chemicals in a Brazilian pregnancy cohort
Anderson Martino-Andrade, Federal University of Paraná, Brazil

11.45 - 12.45 SEX STEROIDS

Chaired by: To be announced

- 11.45 - 12.10 1 Sex hormone manipulations and effects on the human brain
Vibe Gedsø Frøkjær, Rigshospitalet, Denmark
- 12.15 - 12.40 2 A structural view of the interaction between endocrine disrupters and nuclear hormone receptors
William Bourguet, Centre for biochemical structures - INSERM; France

12.45 - 13.20 LUNCH

13.20 - 14.50 SCIENCE TO POLICY

Chaired by: To be announced

- 13.20 - 13.35 1 To be announced
- 13.35 - 13.50 2 To be announced
- 13.50 - 14.05 3 Research supporting risk assessment
Mattias Öberg, Swetox, Sweden
- 14.05 - 14.20 4
Ulla Hass, Technical University of Denmark, Denmark
- 14.20 -14.50 5 Questions and Discussion

14.50 - 15.00 CLOSING REMARKS

Updated: 9th April, 2017

