



*XXVI Nordic Fertility Society Meeting
Helsinki August 18th - 20th 2022*

Scientific programme

Thursday 18.8.2022

8.15-10.00 Morning Coffee buffet for Workshops

9.00-12.00 Workshops organised by NILS

Workshop 1: Blastocyst Biopsy by Cooper Surgical, Room Baltica

Workshop 2: Oocyte vitrification, Tips, Tricks and Traps by Novivita, Room Press Room

Workshop 3: Quality Management in ART by Vitrolife, Room Nautica

12.00-13.00 Lunch in Exhibition Hall, Europaea Foyer

13.00-13.10 Welcome, Room Europaea

NFS President Marjut Ojala, FI and Chair of The XXVI NFS meeting 2022, Sirpa Mäkinen, FI

13.10-14.15 Plenary Session 1 / Future trends with a pinch of the past, Room Europaea

Chairs: Juha Tapanainen, FI & Kersti Lundin, SE

13.10-13.40 ART: a new personalized approach, Luca Gianaroli, IT

13.40-14.10 Back to the future, Arne Sunde, NO

14.15-14.45 Coffee break in Exhibition Hall, Europaea Foyer

14.45 – 15.45/ Parallel session 1, Room Europaea

A. Single women and ART

Carina Weckman, FI & Stina Järholm, SE

14.45 - 15.20 Becoming a single mother with ART, Paula Ojanen, FI

15.20 - 15.45 Same patient, different assessment? - comparison of psychosocial aspects regarding ART for solo-mothers in the Nordic countries, Carina Weckman, FI & Stina Järholm, SE

B. Gene regulation in the embryo, Room Nordia

Chairs: Timo Tuuri, FI & Gareth D Greggains, NO

14.45-15.15 DUX4 regulates oocyte to embryo transition in human, Sanna Vuoristo, FI

15.15-15.45 miRNAs in oocytes and early embryos, Pauliina Paloviita, FI

C. Stimulation, Room Nautica

Chairs: Piia Poikkeus, FI & Pia Saldeen, SE

14.45-15.15 In vitro activation of follicles in low responders, Stine Aagaard Lunding, DK

15.15-15.45 DuoStim – to whom, how and why? Peter Humaidan, DK

15.50– 17.20 Plenary Session 2 / Epigenetics, Room Europaea

Chairs: Terhi Piltonen, FI & Arne Sunde, NO

15.50-16.20 Epigenetic reprogramming during human pre-implantation development, Gareth D Greggains, NO

16.20-16.50 Lifestyle and epigenetics, Noora Kotaja, FI

16.50-17.20 Epigenetics and male fertility and next generation's health, Carlos Guerrero-Bosagna, SWE

17.20-18.00 Nordic IVF Laboratory Society, NILS, General meeting, Room Europaea

19.00-24.00 Get together party, Wanha Satama

Friday 19.8.2022

8.15 – 8.50 Poster promenade with Anja Pinborg, DK, Room Lämpiö

**9.00-10.00 Plenary session 3 / About pregnancies and babies, Room: Europaea
Chairs: Maarit Niinimäki, FI & Shabana Sayed, NO**

9.00-9.30 Why everything goes right but the patient does not deliver a healthy baby? *Luca Gianaroli, IT*
9.30-10.00 Monozygotic twinning after different ART procedures, *Anja Pinborg, DK*

10.00-10.30 Coffee break in Exhibition Hall, Europaea Foyer

10.30-12.00 Parallel session 2

A. Challenging patients, Room Nordia

Chairs: Eini Nikander, FI & Hildegunn Stoum, NO

10.30-11.00 AMH in the crystal ball – What does it tell you, *Terhi Piltonen, FI*

11.00-11.30 Findings in RIF-patients – Where to go from here? *Malene Hviid Saxtorph, DK*

11.30-12.00 IVF in patients with autotransplanted ovarian tissue. What are the challenges? *Peter Humaidan, DK*

B. Sperm handling- what's new? Room Europaea

Chairs: Paula Peltopuro, FI & Aisling Ahlström, SE

10.30-11.00 Handling of TESE samples for ICSI, *Verena Nordhoff, DE*

11.00-11.30 New ICSI techniques, *Joe Conaghan, US*

11.30-12.00 AI in sperm analysis, *Trine B Haugen, NO*

C. The Good, The Bad and The Tiny, “#Influencers of the new ERA”, Room Nautica

Chairs: Marika Mikola, FI & Þorbjörn Hlave Jónsson, IS

10.30-11.00 The microbiome in reproduction, *Henriette Svarre Nielsen, DK*

11.00-11.30 ERA – to whom and when, *Niklas Simberg, FI*

11.30-12.00 Reproductive failure – A pathological condition or selection against genetic incompatibility?
Jukka Kekäläinen, FI

12.00-13.00 Lunch in Exhibition Hall, Europaea Foyer

13.00 – 14.30 Parallel session 3

A. Oral communications, Room Nautica

Chairs: Antti Perheentupa, FI & Janni Vikkelsø Jeppesen, DK

13.00-13.15 The effect of paternal factors on the prognosis of live birth in recurrent pregnancy loss couples,
Pirkko Peuranpää, FI

13.15-13.30 Y-chromosome loss detected by karyotyping of men with azoospermia. *Jens Fedder, DK*

13.30-13.45 “Surviving scan to scan”: Understanding couples’ needs for health care and support during a
pregnancy after prior pregnancy loss, *Emily Koert, DK*

13.45-14.00 Does the hCG trigger dose used for final oocyte maturation in IVF impact luteal phase
progesterone levels? *L Svenstrup, DK*

14.00-14.15 Vitamin D status in women with a history of infertility and decreased fecundability: a population-
based study, *Johanna E. Lumme, FI*

14.15-14.30 Reproductive and endocrine outcomes in a cohort of Danish women following auto-
transplantation of frozen/thawed ovarian tissue from a single center, *Lotte B. Colmorn, DK*

B. Chromosome errors in embryos, Room Europaea

Chairs: Christel Hydén-Granskog, FI & Julius Hreinsson, SE

13.00-13.30 Chromosome errors in human eggs at different female ages, *Jennifer Gruhn, DK*

13.30-14.00 PGT-A in Denmark, *Marie-Louise Grøndahl, DK*

14.00-14.30 Mosaicism in embryos and children, *Arne Sunde, NO*

C. Fertility preservation, Room Nordia

Chairs: Marjut Ojala, FI & Peter Humaidan, DK

13.00-13.30 Male fertility preservation beyond oncological diseases, *Kirsi Jahnukainen, FI*

13.30-14.00 Family formation in male childhood cancer survivors, *Randi Sylvest, DK*
14.00-14.30 Fertility preservation in young transgenders, *Kenny Rodriguez-Walberg, SE*

14.30-15.00 Coffee break in Exhibition Hall, Europaea Foyer

15.00-16.00 NFS General Meeting, Room, Europaea

16.00-17.30 Parallel session 4

16.00-17.30 A. About gametes and embryos, Room Nordia
Chairs: Kirsi Kananen, FI & Steinunn Thorsteinsdottir, IS

16.00-16.30 Vitriification, *Sirpa Mäkinen, FI*

16.30-17.00 AI and embryo selection, *Reidun Kuhlmann, DK*

17.00-17.30 Non-invasive PGT, *Peter Bredbacka, FI*

B. ART and children, Room Europaea

Chairs: Aila Tiitinen, FI & Anja Pinborg, DK

16.00-16.30 Maternal and treatment contributions to perinatal outcomes after transfer of fresh and cryopreserved embryos in assisted reproduction, *Kjersti Westvik Johari, NO*

16.30-17.00 Long-term health in children born LGA, *Åsa Magnusson, SE*

17.00-17.30 Hypertensive disorders of pregnancy and perinatal outcome after the use of donor sperm, *Eeva-Maria Pohjonen, FI*

18.45- Congress Dinner, Scandic Marina Congress Center, Fennia I & II

Saturday 20.8.2022

9.00 – 10.00 Plenary session 4 / Errors in ART, Room Europaea

Chairs: Niklas Simberg, FI & Astrid Sydtveit, NO

9.00-9.30 Clinical errors, *Kenny Rodriguez-Walberg, SE*

9.30-10.00 Errors in the laboratory, *Aisling Ahlström, SE*

10.00-10.30 Coffee break in Exhibition Hall, Europaea Foyer

10.30 – 12.00 Plenary session 5 / ART makes a difference, Room Europaea

Chairs: Sirpa Mäkinen, FI & Kirsten Tryde Macklon, DK

10.30-11.00 Nordic results, *Christel Hydén-Granskog, FI*

11.00-11.30 Culture conditions and its impact on cell lineages and birth weight, *Verena Nordhoff, DE*

11.30-12.00 Big brother is watching you: the brave new world of IVF, *Nick Macklon, UK*

12.00-12.10 Closing ceremony, Room Europaea

Chair of The XXVI NFS meeting 2022, *Sirpa Mäkinen, FI* and NFS President, *Marjut Ojala, FI*