

Programme

Course Next-Generation Reproductive Medicine

13-15 October 2022
Van der Valk Maastricht



- 12.00 – 12.30 Registration**
- 12.30 – 13.15 Lunch**
- 13.15 – 13.30 Welcome & Introduction**
Han Brunner (the Netherlands)
- 13.30 – 14.15 Keynote lecture | Reproductive medicine**
Prenatal Precision Medicine: Earlier is Better for Mom and Baby
Diana Bianchi (USA)
- 14.15 – 15.00 Lecture 1 | Preconception care and preconception carrier testing (PCT)**
What if we are all carriers for a recessive disease?
Han Brunner (the Netherlands)
- 15.00 – 15.15 Interactive Q&A**
- 15.15 – 15.35 Coffee break**
- 15.35 – 16.20 Lecture 2 | Reproductive genetics**
Challenges of reproductive genetic counseling
Christine de Die-Smulders (the Netherlands)
- 16.20 – 17.05 Lecture 3 | Preimplantation care – ethical considerations**
Reproductive genomic screening: ethical reflection
Guido de Wert (the Netherlands)
- 17.05 – 17.20 Interactive Q&A**
- 17.20 – 18.15 Selected abstracts for oral presentation**
- 18.15 Closure day 1**

09.00 – 09.10 Summary day 1

Edith Coonen (the Netherlands)

09.10 – 09.55 Lecture 4 | Preimplantation care

Epigenetic dynamics from egg to embryo and their impact on reproduction

Gavin Kelsey (United Kingdom)

09.55 – 10.40 Lecture 5 | Preimplantation care - European PGT data

Trends and development in PGT

Masoud Zamani Esteki (the Netherlands) and Fernando Bronet Campos (Spain) on behalf of ESHRE PGT-consortium

10.40 – 10.55 Interactive Q&A

10.55 – 11.15 Coffee break

11.15 – 12.00 Lecture 6 | Liquid biopsy in reproductive medicine

Liquid biopsy in reproductive medicine

Joris Vermeesch (Belgium)

12.00 – 12.45 Lecture 7 | Liquid biopsy in reproductive medicine

The importance of nationwide NIPT

Erik Sistermans (the Netherlands)

12.45 – 13.00 Interactive Q&A

13.00 – 14.00 Lunch

14.00 – 14.45 Lecture 8 | Prenatal care

Why should we carry out clinical follow-up of aberrant NIPT?

Robert-Jan Galjaard (the Netherlands)

14.45 – 15.30 Lecture 9 | Prenatal care imaging

The role of the current and emerging techniques in reproductive medicine

Hieab Adams (the Netherlands)

15.30 – 15.45 Interactive Q&A

15.45 – 16.05 Coffee break

16.05 – 17.00 Lecture 10 | Endometrium biology

The role of endometrium receptivity in pregnancy success

Andres Salumets (Estonia)

17.00 – 17.10 Interactive Q&A

17.10 Closure day 2

15 October 2022

09.00 – 09.10 Summary day 2

Masoud Zamani Esteki (the Netherlands)

09.10 – 10.00 Keynote lecture | Reproductive medicine - organoids

Realizing the potential of human naïve pluripotent stem cells
Ge Guo (United Kingdom)

10.00 – 10.45 Lecture 11 | Ovary preservation

Preserving fertility in women
Pauliina Damdimopoulou (Sweden)

10.45 – 11.00 Interactive Q&A

11.00 – 11.20 Coffee break

11.20 – 12.05 Lecture 12 | Artificial gametes

Artificial gametes: how far are we from making (mature) human oocytes and sperm cells?
Susana M. Chuva de Sousa Lopes (the Netherlands)

12.05 – 12.50 Lecture 13 | Male infertility

Genetics of male infertility
Joris Veltman (United Kingdom)

12.50 – 13.05 Interactive Q&A

13.05 – 13.30 Are we ready for genome editing in human embryos for clinical purposes?

Interactive E-survey

13.30 Closure and farewell (+ lunch to go)

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