

Reproductive Genetics: Opportunities for Diagnosis and Treatment

📅 February 26, 2026

📍 Riga, Latvia

8:30 - 9:00

Registration

9:00 - 9:15

Opening

Dr. Ingrīda Circene

SESSION I:

Opportunities of Reproductive Genetics in Latvia and Other Countries

9:15–9:45

Reproductive genetic tests from A to Z: modern possibilities

Prof. Antonio Capalbo, Chief Scientific Officer (CSO) Adjunct Professor, Unit of Molecular Genetics, Center for Advanced Studies and Technology (CAST), "G. d'Annunzio" University of Chieti-Pescara, JUNO Genetics. Member of the Scientific Advisory Board, Italy

9:45–10:15

Integrating Genetic Advances into Male Infertility Management and IVF Preparation. Israeli Perspective

Dr. Shlomi Barak, Director of the fertility and IVF unit at the Assuta University Hospital, Ashdod Israel

10:15–10:35

Genetic disease screening in family planning in Latvia

Dr. Ieva Grīnfelde, Doctor – geneticist, Latvia

10:35–10:50

Discussion

10:50–11:05

Coffee break

SESSION II:

Genetic Diagnostics of Infertility

11:05–11:25

Genetic causes of female infertility and testing

Ludmila Voložonoka, Rīga Stradiņš University Lead Researcher, Scientific Laboratory of Molecular Genetics, Latvia

11:25–11:45

Genetic causes of male infertility and clinical utility of testing

Prof. Frank Tüttelmann, Director of the Centre of Medical Genetics, University and University Hospital Münster, Germany

11:45–12:05

Genetic causes of embryo arrest

Violeta Fodina MD, PhD, Reproductive specialist, gynaecologist – obstetrician, iVF Riga Holding CEO Latvia

12:05–12:20

Discussion

12:20–13:20

Lunch

SESSION III: Embryonic Genetics

- 13:20–13:40 **PGT-A: 10 years of experience in Latvia**
D. Enkure, Molecular geneticist, certified geneticist, Latvia
- 13:40–14:00 **PGT-M: opportunities and outcomes over 10 years of experience**
Dr. Liene Korņejeva, Doctor – geneticist, Latvia
- 14:00–14:20 **Genetic testing of miscarriages**
Dr. Jūlija Tarasova, Reproductive specialist, gynaecologist – obstetrician, Latvia
- 14:20–14:35 **Discussion**
- 14:35–14:50 **Coffee break**

SESSION IV: Funding of Reproductive Genetic Testing in Europe and Latvia

- 14:50–15:10 **Reproductive research results - what we have found out, what has been done**
Linda Gailīte MD, PhD, Leading researcher at Rīga Stradiņš University, Head of the Molecular Genetics Scientific Laboratory, Latvia
- 15:10–15:30 **Which reproductive genetic tests are covered by public healthcare in Latvia and Europe**
Anna Dorondo, Head of Stem Cell Centre, Quality Manager, Latvia
- 15:30–15:50 **State policy on funding reproductive genetic tests**
Representative of Ministry of Health of the Republic of Latvia
- 15:50–16:10 **Discussion**
- 16:10–16:30 **Closing**
Violeta Fodina, MD, PhD, Reproductive specialist, gynaecologist – obstetrician, iVF Riga Holding CEO