

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

Welcome

Dr. Violeta Fodina MD, PhD

SESSION I:

Opportunities of Reproductive Genetics in Latvia and Other Countries

Dr. Shlomi Barak

Dr. Liene Korņejeva

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

Linda Gailīte MD, PhD

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

Dr. 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****Ludmila Voložonoka**

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 results in Latvia**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****Dr. Violeta Fodina MD, PhD**

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 publichealthcare 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**Dr. Violeta Fodina, MD, PhD**, Reproductive specialist, gynaecologist – obstetrician, iVF Riga Holding CEO, Latvia