

# 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****Nele Malvīne Bērziņa**, Molecular geneticist, Latvia

14:00–14:20

**Genetic testing of miscarriages****Dr. Liene Korņejeva**, Doctor – geneticist, 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 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 the National Health Service 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