

## **4th Annual Reproductive, Genetic & Biotechnology Conference**

*The latest on stem cell application in the treatment  
Genetic testing in the practice of doctors and oncologists*

**Date:** October 12, 2018

**Time:** 8:15 – 18:00

**Venue:** Tallink Hotel (Elizabetes 24, LV-1050, Riga, Latvia)

**Language of Conference** – English

### ***Preliminary programme of the conference***

**8:15 – 9:15 Registration**

**9:15 – 9:30 The opening ceremony. Establishment of the Association of Specialists in Cellular Technologies: goals and objectives./** Dr. Violeta Fodina, Head of the Infertility Treatment and Reproductive Genetics clinic iVF Riga, Latvia

**First session: Stem Cells / Chairman: To Be Announced**

**9:30 – 9:55 Safety and efficacy of autologous cord blood transplantation for children with autism spectrum disorders/** Gocha Shatirishvili, MD, PhD, medical Director of family Cord Blood Bank Geocord, Tbilisi, Georgia and Chief Scientific Officer of Department for Cell Technologies and Therapy at Cancer Research Center, Tbilisi, Georgia

**9:55 – 10:20 Neuroregeneration and neuroimmunomodulation in neurosurgical diseases/** Francisco Ruiz-Navarro, MD, Austrian Society for Regenerative Medicine, Austria

**10:20 – 10:40 Coffee Break**

**10:40 – 11:05 Extracellular Vesicles released by Neural Crest-Derived Stem Cells as a Novel Approach to Stimulate Alveolar Bone Regeneration/** Dr. W.-D. Grimm, PhD, MSc, Senior-Professor of Periodontology, Periodontology, Department of Dental Medicine, Faculty of Health, Witten/Herdecke University, Germany, and Stem Cell Lab, Institute of Regenerative Medicine, Stavropol State Medical University, Russia

**11:05 – 11:30 HLA: General aspects and clinical application in stem cell transplantation/** Dr. Cristina Eguizabal Argaiz, Basque Center for Transfusion and Human Tissues, SPAIN Research Group Leader

**11:30 – 11:55 Characterization and quality assessment of multipotent mesenchymal stromal cell cultures/** Marija Mihailova, PhD, Molecular biologist, biotechnologist, iVF Riga Stem cell center, Latvia

**11:55 – 12:20 Microscopy in the IVF workflow/**Dr.Thorsten Kern, Dealer Manager at Carl Zeiss microscopy «middle Europe», application specialist education for digital classroom and routine microscopy

**12:20 – 12:45 – Discussion**

**12:40 – 13:40 – Lunch**

## **Second session: Medical Genetics / Chairman: To Be Announced**

**13:40 – 14:05 What genetic testing can and can't achieve /** Andrew Read, PhD, Centre for Genomic Medicine, St Mary's Hospital, Manchester, UK

**14:05 – 14:30 Genetic imprinting and its relevance to IVF/** Karen Temple, PhD, University of Southampton and Wessex Clinical Genetics Service, UK

**14:30 – 14:55 ART In the light of advances: PGD and savor babies/** Konstantinos Pantos, MD, PhD, GENESIS ATHENS Clinic

**14:55 – 15:20 Hereditary cancer molecular genetic diagnostics/** Dace Bērziņa, Molecular geneticist, certified geneticist, clinic iVF Riga, Latvia

### **15:20 - 15:40 Coffee Break**

**15:40 – 16:05 NGS based genome diagnostics, as one of possible solutions in diagnosing hereditary cancer syndromes/** Janneke Weiss, PhD, Clinical Laboratory Geneticist VU University Medical Center (VUmc), Clinical genetics, The Netherlands

**16:05 – 16:30 Hereditary ovarian and endometrial cancer. Experience of the Onkoklīnika/** Dr.med. Ronalds Mačuks, Surgeon - Oncology gynecologist, Onkoklīnika, Latvia

**16:30 – 16:55 Management of patients with primary breast cancer and BRCA1/2 gene mutation/** Dr. Pēteris Loža, Surgeon mammologist, Veselības centrs 4, Latvia

**16:55 – 17:20 Pilot study investigating concentration of colony-stimulating growth factor (CSF) in uterine flushing as prognostic criterion of IVF cycle outcome in patients with recurrent implantation failure/** Dr. Obidniak D., gynecology and reproductive medicine specialist, the Head of the International Cooperation Department of "AVA-Peter" Clinic, affiliated professor at St. Petersburg State University, Medical Faculty; Dr. Kalugina A., MD., professor at the department of Obstetrics and Gynecology in the First St. Petersburg State medical University named after I. Pavlov, deputy head doctor of obstetrics, gynecology and reproductive medicine "AVA-Peter" Clinic, Russia

**17:20 – 17:50 Discussion**

**17:50 – 18:00 – Closing Ceremony**

**Conference registration is opened: <https://ivfrigastemcells.lv/aktuali/konference/registration/>**

***All conference participants will earn 6.7 Credit Units (TIP2018/391)***