

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 the Conference – English

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 / Chairmen: Gocha Shatirishvili, MD, PhD; Alexandra A. Aizenshtadt, PhD; Natella Erukashvily, PhD

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

Mikroskopijas risinājumi IVF procesos/Dr. Michael Goegler, Carl Zeiss Microscopy GmbH

12:20 – 12:45

Discussion

12:45 – 13:40

Lunch

Second session: Medical Genetics / Chairmen: Dr. Liene Korņejeva, Karen Temple, PhD, Andrew Read, PhD.

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 Onkoloģiskā/ Dr.med. Ronalds Mačuks, Surgeon - Oncology gynecologist, Onkoloģiskā, 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

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