

AGENDA
Registration
March, 29, 2024

Opening ceremony 15:00 - 15:10

Romanciuc Grigore, Head of Transplantation Agency of Republic of Moldova.

Nacu Viorel, MD, PhD, Professor, Head of Human Tissue and Cells Bank Clinical Hospital of Orthopedics and Traumatology and responsible Laboratory of Tissue Engineering and Cells Cultures, SUMPh *Nicolae Testemitanu*.

DAY ONE – 29 March 2024

Session 1

Plenary meeting

Oral presentations

Moderators: Nacu Viorel, MD, PhD professor, (*Republic of Moldova*), **Țimbalari Tatiana**, MD, PhD (*Republic of Moldova*).

1. **15:10-15:30. Romanciuc Grigore**. Legislative aspects in tissue and cell transplantation. *Chisinau, Republic of Moldova*.
2. **15:30-15:50. Cusnir Valeriu, Lupan Valentina, Dumbraveanu Lilia, Andronic Sergiu, Cociug Adrian, Procopciuc Vitalie, Perlog Olga, Ciubara Cristina, Voina Maria, Nacu Viorel**. Tissue transplantation report in Ophthalmology for 2022 and 2023. *Chisinau, Republic of Moldova*.
3. **15:50-16:10. Iapascurta Victor**. Agent-Based Modeling: Revolutionizing Tissue Engineering. *Chisinau, Republic of Moldova*.
4. **16:10-16:25. Jian Mariana, Nacu Ana-Maria, Cobzac Vitalie, Mostovei Andrei, Ficai Anton, Nacu Viorel**. Collagen from umbilical-placental complex – the allogeneic biomaterial for medical applications. *Bucharest, Romania. Chisinau, Republic of Moldova*.
5. **16:25-16:40. Ceban Marina, Pisarenco Sergiu, Anghelici Gheorghe, Zugrav Tatiana, Vasiliev Radu**. The results of the treatment of trophic ulcers of the lower limbs by applying autologous platelet-rich fibrin. *Chisinau, Republic of Moldova*.
6. **16:40-16:50. Pașa Diana, Catereniuc Ilia**. Anatomical arterial variants of the upper limb. *Chisinau, Republic of Moldova*.

Session 2

Moderators: Sidorenko Ludmila, MD, PhD (*Republic of Moldova*), **Karl Mattias**, MD, PhD (*Germany*).

1. **16:50-17:10. Sidorenko Ludmila, Diaz-Ramirez Ivan, Rotaru Ludmila, Chornopyschuk Roman, Badan Liliana, Wessel Niels**. The Vital Role of Vegetative Nervous System in Preventing Recurrent Arrhythmia in the Post-Interventional Regeneration Period. *Chisinau, Republic of Moldova. Berlin, Germany*.
2. **17:10-17:20. Mihaluta Viorica, Stoian Alina, Ignatov Olga, Raischi Ion, Verega Grigore, Nacu Viorel**. Amniotic membrane transplantation into lower limb ulcers. *Chisinau, Republic of Moldova*.

3. **17:20-17:30. Macagonova Olga, Cociug Adrian, Taralunga Tatiana, Ciobanu Vladimir, Braniste Tudor, Buza-Zueva Anastasia, Viorel Nacu.** Porcine dermis—a source for creating biomaterial by tissue engineering. *Chisinau, Republic of Moldova.*
4. **17:30-17:40. Iapascurta Victor.** The Combined Use of Agent-Based Modeling (ABM) and System Dynamics Modeling (SDM) for Tissue Engineering: A Raw Example of Interaction at Different Scales. *Chisinau, Republic of Moldova.*
5. **17:40-17:50. Fandofan Victoria, Bozul Uliana-Ariadna, Jeru Ion.** Features of microsurgical treatment in patients with pterygium. *Chisinau, Republic of Moldova.*
6. **17:50–18:00. Chornopyshchuk Roman, Grebeniuk Dmytro, Nazarchuk Oleksandr, Burkovskyy Mykola, Kravchuk Vitalii, Sidorenko Ludmila, Rotaru Ludmila, Chornopyshchuk Nataliia.** Platelet-rich plasma in the treatment of burn patients. *Vinnytsya, Ukraine. Chisinau, Republic of Moldova.*
7. **18:00-18:10. Goreacii Ana, Nacu Ana-Maria, Taralunga Tatiana, Nacu Viorel.** Menstrual Blood-Derived Stem Cells: Milestones and Future Prospects for Regenerative Medicine. *Chisinau, Republic of Moldova.*

DAY TWO – 30 March 2024

Session 1

Moderators: *Labușca Luminita, MD, PhD (Romania), Victor Palarie, MD, PhD (Republic of Moldova).*

1. **09:00-09:30. Labusca Luminita.** Stem cell sources in orthopedics-clinical practice between ortobiologics and advanced medicinal products. *Iasi, Romania.*
2. **09:30-9:45. Zara-Danceanu Camelia-Mihaela, Labusca Luminita, Herea Daniel, Minuti Anca Emanuela, Stavila Cristina, Chiriac Horia, Lupu Nicoleta.** Magnetoliposomes containing bioactive molecules as nanocarriers for biological applications. *Iasi, Romania.*
3. **09:45-10:00. Parii Sergiu, Ungureanu Alina, Eugeniu Nicolai, Cociug Adrian, Cabac Vasile, Valica Vladimir.** Preclinical research of otoprotective drugs. *Chisinau, Republic of Moldova.*
4. **10:00-10:15. Iacubitchii Vitalie, Vacarciuc Ion, Cojocar Stefan, Buzu Dumitru, Nacu Viorel, Capros Nicolae.** Osteo-cellular graft in the wrist instability. Clinical case. *Chisinau, Republic of Moldova.*
5. **10:15-10:30. Pisarenco Sergiu, Anghelici Gheorghe, Zugrav Tatiana, Ceban Marina, Vasiliev Radu.** Autolog transplantation of platelet rich fibrin in inguinal hernia repair in liver cirrhosis. *Chisinau, Republic of Moldova.*
6. **10:30-10:45 Croitoru Dan, Corobcean Nadejda, Visnevschi Sergiu.** Treatment in breast cancer using the CRISPR/Cas9 system. *Chisinau, Republic of Moldova.*
7. **10:45-11:00. Karl Mattias.** *In vitro* and *in vivo* Characteristics of a Bone Substitute for Ridge Preservation Procedures. *Hamburg, Deutschland.*

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